

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

※「しおり」より、測定結果を確認したいモデル名を選択してください。

2019年2月26日更新

<2011年6月発表以降製品のPRIMERGY性能情報 更新日一覧表>

| 分類     | モデル名                      | 更新日         | 前版からの変更 |
|--------|---------------------------|-------------|---------|
| ラックサーバ | RX100 S7 （2012年5月以降発表モデル） | 2012年10月23日 |         |
|        | RX100 S7 （2011年6月発表モデル）   | 2011年6月21日  |         |
|        | RX100 S8                  | 2013年11月19日 |         |
|        | RX1330 M1                 | 2014年9月9日   |         |
|        | RX1330 M2                 | 2016年1月26日  |         |
|        | RX1330 M3                 | 2017年5月23日  |         |
|        | RX200 S7                  | 2012年6月5日   |         |
|        | RX200 S8                  | 2013年11月19日 |         |
|        | RX2520 M1                 | 2014年7月31日  |         |
|        | RX2520 M4                 | 2019年2月26日  | 新規掲載    |
|        | RX2530 M1                 | 2015年5月12日  |         |
|        | RX2530 M2                 | 2016年10月28日 |         |
|        | RX2530 M4                 | 2017年8月30日  |         |
|        | RX2540 M1                 | 2015年1月30日  |         |
|        | RX2540 M2                 | 2016年4月21日  |         |
|        | RX2540 M4                 | 2017年8月30日  |         |
|        | RX2560 M1                 | 2015年6月16日  |         |
|        | RX2560 M2                 | 2016年10月28日 |         |
|        | RX300 S7                  | 2012年6月5日   |         |
|        | RX300 S8                  | 2014年5月19日  |         |
|        | RX350 S7                  | 2012年6月5日   |         |
|        | RX350 S8                  | 2014年3月12日  |         |
|        | RX4770 M1                 | 2014年9月30日  |         |
|        | RX4770 M2                 | 2015年8月11日  |         |
|        | RX4770 M3                 | 2016年10月28日 |         |
|        | RX4770 M4                 | 2019年2月26日  | 新規掲載    |
|        | RX500 S7                  | 2012年8月21日  |         |
|        | RX600 S6                  | 2011年8月16日  |         |
| タワーサーバ | TX100 S3 （2012年5月以降発表モデル） | 2012年10月23日 |         |
|        | TX100 S3 （2011年10 月発表モデル） | 2011年10月12日 |         |
|        | TX120 S3 （2012年5月以降発表モデル） | 2012年10月23日 |         |
|        | TX120 S3 （2011年6月発表モデル）   | 2011年6月21日  |         |
|        | TX1310 M1                 | 2015年2月19日  |         |
|        | TX1310 M3                 | 2017年6月8日   |         |
|        | TX1320 M1                 | 2015年2月19日  |         |
|        | TX1320 M2                 | 2016年1月26日  |         |
|        | TX1320 M3                 | 2017年5月23日  |         |
|        | TX1330 M1                 | 2014年9月9日   |         |
|        | TX1330 M2                 | 2016年1月26日  |         |
|        | TX1330 M3                 | 2017年5月23日  |         |
|        | TX140 S1 （2012年5月以降発表モデル） | 2012年10月23日 |         |
|        | TX140 S1 （2011年6月発表モデル）   | 2011年6月21日  |         |
|        | TX140 S2                  | 2013年10月4日  |         |
|        | TX150 S8                  | 2013年1月29日  |         |
|        | TX200 S7                  | 2013年1月29日  |         |
|        | TX2540 M1                 | 2014年7月31日  |         |
|        | TX2550 M4                 | 2019年2月26日  | 新規掲載    |
|        | TX2560 M1                 | 2015年6月16日  |         |
|        | TX2560 M2                 | 2016年11月7日  |         |
|        | TX300 S7                  | 2012年6月5日   |         |
|        | TX300 S8                  | 2014年3月12日  |         |

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※「しおり」より、測定結果を確認したいモデル名を選択してください。

＜2011年6月発表以降製品のPRIMERGY性能情報 更新日一覧表＞

| 分類        | モデル名      | 更新日         | 前版からの変更 |
|-----------|-----------|-------------|---------|
| ブレードサーバ   | BX2560 M1 | 2015年5月12日  |         |
|           | BX2560 M2 | 2016年10月28日 |         |
|           | BX2580 M1 | 2015年6月16日  |         |
|           | BX2580 M2 | 2016年10月28日 |         |
|           | BX920 S3  | 2013年11月19日 |         |
|           | BX920 S4  | 2014年4月10日  |         |
|           | BX924 S3  | 2012年6月5日   |         |
|           | BX924 S4  | 2013年10月29日 |         |
| マルチノードサーバ | CX2550 M1 | 2015年2月6日   |         |
|           | CX2550 M2 | 2016年11月7日  |         |
|           | CX2550 M4 | 2019年2月26日  | 新規掲載    |
|           | CX2560 M4 | 2019年2月26日  | 新規掲載    |
|           | CX2570 M1 | 2015年2月6日   |         |
|           | CX2570 M2 | 2016年11月7日  |         |
|           | CX2570 M4 | 2019年2月26日  | 新規掲載    |
| マイクロサーバ   | MX130 S2  | 2011年11月22日 |         |

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2012/10/23現在

|                                                                                             |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX100 S7 [2012年5月以降発表モデル], Pentium / Core / Xeon</b>                            |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G640<br>2800 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 34.3 <sup>(1)</sup>   | 36.1 <sup>(1)</sup> | 61.5 <sup>(1)</sup>       | 64.1 <sup>(1)</sup>  | 39.9 <sup>(1)</sup> | 40.7 <sup>(1)</sup> | 59.5 <sup>(1)</sup>      | 60.8 <sup>(1)</sup> |
| Core i3-3220<br>3300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 41.7 <sup>(2)</sup>   | 44.1 <sup>(2)</sup> | 91.2 <sup>(3)</sup>       | 96.2 <sup>(3)</sup>  | 53.2 <sup>(2)</sup> | 54.4 <sup>(2)</sup> | 83.7 <sup>(3)</sup>      | 86.7 <sup>(3)</sup> |
| Xeon E3-1220LV2<br>2300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 17 Watt | 1<br>CPU | DDR3-SDRAM | 43.4 <sup>(2)</sup>   | 46.3 <sup>(2)</sup> | 86.1 <sup>(3)</sup>       | 90.6 <sup>(3)</sup>  | 53.6 <sup>(2)</sup> | 55.2 <sup>(2)</sup> | 79.1 <sup>(3)</sup>      | 81.2 <sup>(3)</sup> |
| Xeon E3-1220V2<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 48.6 <sup>(1)</sup>   | 51.7 <sup>(1)</sup> | 151 <sup>(1)</sup>        | 158 <sup>(1)</sup>   | 64.8 <sup>(1)</sup> | 66.7 <sup>(1)</sup> | 124 <sup>(1)</sup>       | 128 <sup>(1)</sup>  |
| Xeon E3-1230V2<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 51.0 <sup>(2)</sup>   | 54.2 <sup>(2)</sup> | 185 <sup>(3)</sup>        | 193 <sup>(3)</sup>   | 67.3 <sup>(2)</sup> | 69.2 <sup>(2)</sup> | 133 <sup>(3)</sup>       | 137 <sup>(3)</sup>  |
| Xeon E3-1265LV2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 48.0 <sup>(2)</sup>   | 51.3 <sup>(2)</sup> | 169 <sup>(3)</sup>        | 176 <sup>(3)</sup>   | 63.5 <sup>(2)</sup> | 65.8 <sup>(2)</sup> | 126 <sup>(3)</sup>       | 130 <sup>(3)</sup>  |
| Xeon E3-1270V2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 53.3 <sup>(2)</sup>   | 56.7 <sup>(2)</sup> | 191 <sup>(3)</sup>        | 200 <sup>(3)</sup>   | 69.6 <sup>(2)</sup> | 71.6 <sup>(2)</sup> | 136 <sup>(3)</sup>       | 140 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2011/06/21現在

|                                                                                                    |          |                         | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|----------------------------------------------------------------------------------------------------|----------|-------------------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                    |          |                         | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX100 S7 [2011年6月発表モデル] , Pentium Dual-Core / Core / Xeon</b>                          |          |                         |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium Dual-Core G620<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 30.6 <sup>(1)</sup>   | 31.9 <sup>(1)</sup> | 53.2 <sup>(1)</sup>       | 55.4 <sup>(1)</sup>  | 36.8 <sup>(1)</sup> | 38.1 <sup>(1)</sup> | 54.3 <sup>(1)</sup>      | 55.1 <sup>(1)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Core i3-2100<br>3100 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 36.3 <sup>(2)</sup>   | 37.8 <sup>(2)</sup> | 74.9 <sup>(3)</sup>       | 78.0 <sup>(3)</sup>  | 45.5 <sup>(2)</sup> | 47.1 <sup>(2)</sup> | 72.8 <sup>(3)</sup>      | 74.5 <sup>(3)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1220<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 42.3 <sup>(1)</sup>   | 44.5 <sup>(1)</sup> | 126 <sup>(1)</sup>        | 131 <sup>(1)</sup>   | 53.7 <sup>(1)</sup> | 56.5 <sup>(1)</sup> | 106 <sup>(1)</sup>       | 107 <sup>(1)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1220L<br>2200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 20 Watt          | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 37.5 <sup>(2)</sup>   | 40.1 <sup>(2)</sup> | 62.6 <sup>(3)</sup>       | 66.2 <sup>(3)</sup>  | 43.7 <sup>(2)</sup> | 46.3 <sup>(2)</sup> | 62.8 <sup>(3)</sup>      | 64.2 <sup>(3)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1240<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 45.3 <sup>(2)</sup>   | 47.9 <sup>(2)</sup> | 154 <sup>(3)</sup>        | 160 <sup>(3)</sup>   | 56.8 <sup>(2)</sup> | 59.5 <sup>(2)</sup> | 115 <sup>(3)</sup>       | 119 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1260L<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt          | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 39.7 <sup>(2)</sup>   | 42.9 <sup>(2)</sup> | 122 <sup>(3)</sup>        | 128 <sup>(3)</sup>   | 49.7 <sup>(2)</sup> | 52.9 <sup>(2)</sup> | 100 <sup>(3)</sup>       | 103 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1270<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 46.3 <sup>(2)</sup>   | 48.9 <sup>(2)</sup> | 157 <sup>(3)</sup>        | 164 <sup>(3)</sup>   | 57.9 <sup>(2)</sup> | 60.5 <sup>(2)</sup> | 116 <sup>(3)</sup>       | 120 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64)

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading on

| PRIMERGY RX100 S8                                                                           |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Pentium / Core / Xeon                                                                       |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G3420<br>3200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 54 Watt   | 1 CPU | DDR3-SDRAM | 44.5 <sup>(1)</sup>   | 46.7 <sup>(1)</sup> | 79.8 <sup>(1)</sup>       | 82.4 <sup>(1)</sup>  | 53.4 <sup>(1)</sup> | 54.1 <sup>(1)</sup> | 76.3 <sup>(1)</sup>      | 77.6 <sup>(1)</sup> |
| Core i3-4330<br>3500 MHz<br>2 Cores<br>256 kB SLC per core<br>4096 kB TLC<br>TDP 54 Watt    | 1 CPU | DDR3-SDRAM | 52.0 <sup>(2)</sup>   | 54.0 <sup>(2)</sup> | 111 <sup>(2)</sup>        | 115 <sup>(2)</sup>   | 63.3 <sup>(2)</sup> | 64.4 <sup>(2)</sup> | 98.0 <sup>(2)</sup>      | 101 <sup>(2)</sup>  |
| Xeon E3-1220 v3<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1 CPU | DDR3-SDRAM | 55.6 <sup>(1)</sup>   | 57.7 <sup>(1)</sup> | 170 <sup>(1)</sup>        | 177 <sup>(1)</sup>   | 69.2 <sup>(1)</sup> | 70.4 <sup>(1)</sup> | 135 <sup>(1)</sup>       | 139 <sup>(1)</sup>  |
| Xeon E3-1230 v3<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1 CPU | DDR3-SDRAM | 57.9 <sup>(2)</sup>   | 60.1 <sup>(2)</sup> | 204 <sup>(2)</sup>        | 211 <sup>(2)</sup>   | 71.7 <sup>(2)</sup> | 73.0 <sup>(2)</sup> | 144 <sup>(2)</sup>       | 149 <sup>(2)</sup>  |
| Xeon E3-1230Lv3<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 25 Watt | 1 CPU | DDR3-SDRAM | 45.3 <sup>(2)</sup>   | 47.0 <sup>(2)</sup> | 162 <sup>(2)</sup>        | 168 <sup>(2)</sup>   | 58.8 <sup>(2)</sup> | 59.8 <sup>(2)</sup> | 124 <sup>(2)</sup>       | 128 <sup>(2)</sup>  |
| Xeon E3-1240 v3<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1 CPU | DDR3-SDRAM | 59.0 <sup>(2)</sup>   | 61.3 <sup>(2)</sup> | 208 <sup>(2)</sup>        | 216 <sup>(2)</sup>   | 73.0 <sup>(2)</sup> | 74.3 <sup>(2)</sup> | 145 <sup>(2)</sup>       | 150 <sup>(2)</sup>  |
| Xeon E3-1265Lv3<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1 CPU | DDR3-SDRAM | 56.4 <sup>(2)</sup>   | 59.0 <sup>(2)</sup> | 188 <sup>(2)</sup>        | 194 <sup>(2)</sup>   | 69.9 <sup>(2)</sup> | 71.7 <sup>(2)</sup> | 138 <sup>(2)</sup>       | 143 <sup>(2)</sup>  |
| Xeon E3-1270 v3<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1 CPU | DDR3-SDRAM | 60.2 <sup>(2)</sup>   | 62.6 <sup>(2)</sup> | 211 <sup>(2)</sup>        | 218 <sup>(2)</sup>   | 74.2 <sup>(2)</sup> | 75.5 <sup>(2)</sup> | 147 <sup>(2)</sup>       | 152 <sup>(2)</sup>  |
| Xeon E3-1280 v3<br>3600 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 82 Watt | 1 CPU | DDR3-SDRAM | 61.1 <sup>(2)</sup>   | 63.6 <sup>(2)</sup> | 212 <sup>(2)</sup>        | 220 <sup>(2)</sup>   | 75.5 <sup>(2)</sup> | 76.7 <sup>(2)</sup> | 149 <sup>(2)</sup>       | 154 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

2014/9/9現在

| PRIMERGY RX1330 M1                                                                          |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Celeron / Pentium / Core / Xeon</b>                                                      |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Celeron G1820<br>2700 MHz<br>2 Cores<br>256 kB SLC per core<br>2048 kB TLC<br>TDP 54 Watt   | 1<br>CPU | DDR3-SDRAM | 37.3 <sup>(1)</sup>   | 38.9 <sup>(1)</sup> | 67.1 <sup>(1)</sup>       | 69.3 <sup>(1)</sup>  | 46.7 <sup>(2)</sup> | 47.3 <sup>(2)</sup> | 67.7 <sup>(2)</sup>      | 69.0 <sup>(2)</sup> |
| Pentium G3420<br>3200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 54 Watt   | 1<br>CPU | DDR3-SDRAM | 44.8 <sup>(1)</sup>   | 46.9 <sup>(1)</sup> | 79.8 <sup>(1)</sup>       | 82.4 <sup>(1)</sup>  | 53.8 <sup>(2)</sup> | 54.4 <sup>(2)</sup> | 76.9 <sup>(2)</sup>      | 78.1 <sup>(2)</sup> |
| Core i3-4330<br>3500 MHz<br>2 Cores<br>256 kB SLC per core<br>4096 kB TLC<br>TDP 54 Watt    | 1<br>CPU | DDR3-SDRAM |                       |                     | 111 <sup>(3)</sup>        | 115 <sup>(3)</sup>   |                     |                     | 98.1 <sup>(4)</sup>      | 101 <sup>(4)</sup>  |
| Xeon E3-1220 v3<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 169 <sup>(1)</sup>        | 175 <sup>(1)</sup>   |                     |                     | 135 <sup>(2)</sup>       | 139 <sup>(2)</sup>  |
| Xeon E3-1231 v3<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 58.3 <sup>(3)</sup>   | 60.6 <sup>(3)</sup> | 207 <sup>(3)</sup>        | 214 <sup>(3)</sup>   |                     |                     | 146 <sup>(4)</sup>       | 152 <sup>(4)</sup>  |
| Xeon E3-1240Lv3<br>2000 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 25 Watt | 1<br>CPU | DDR3-SDRAM | 47.4 <sup>(3)</sup>   | 49.2 <sup>(3)</sup> |                           |                      | 60.7 <sup>(4)</sup> | 62.3 <sup>(4)</sup> |                          |                     |
| Xeon E3-1241 v3<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 59.8 <sup>(3)</sup>   | 62.2 <sup>(3)</sup> | 212 <sup>(3)</sup>        | 219 <sup>(3)</sup>   |                     |                     | 147 <sup>(4)</sup>       | 153 <sup>(4)</sup>  |
| Xeon E3-1271 v3<br>3600 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 60.8 <sup>(3)</sup>   | 63.3 <sup>(3)</sup> | 216 <sup>(3)</sup>        | 223 <sup>(3)</sup>   |                     |                     | 148 <sup>(4)</sup>       | 154 <sup>(4)</sup>  |
| Xeon E3-1275Lv3<br>2700 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 58.1 <sup>(3)</sup>   | 60.8 <sup>(3)</sup> | 195 <sup>(3)</sup>        | 202 <sup>(3)</sup>   |                     |                     | 139 <sup>(4)</sup>       | 144 <sup>(4)</sup>  |

<sup>(1)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

<sup>(2)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

<sup>(3)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(4)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX1330 M2

| CPU NUmber  | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_base2006      | 44.4   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint2006           | 45.9   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 81     | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 83.7   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 61.1   | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp2006            | 61.8   | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 90.8   | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 91.9   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_base2006      | 52.9   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint2006           | 54.6   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 95.9   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 99.2   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 70.7   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp2006            | 71.4   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 104    | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 105    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_base2006      | 61.9   | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint2006           | 64     | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 133    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 139    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_base2006       | 85.7   | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp2006            | 87.1   | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 132    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 134    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_base2006      | 64.9   | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint2006           | 67.1   | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 196    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 202    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 90     | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp2006            | 92     | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 174    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 177    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 69.1   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 71.5   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 242    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 252    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 94.2   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 96.3   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 186    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 190    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 71     | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 73.4   | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 248    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 258    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 96.5   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 98.5   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 188    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 193    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_base2006      | 59.7   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint2006           | 61.7   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 197    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate2006      | 205    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_base2006       | 83.3   | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp2006            | 85.3   | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 162    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate2006       | 166    | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_base2006      | 70.4   | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint2006           | 73     | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 240    | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_rate2006      | 249    | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_base2006       | 95.2   | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp2006            | 97.4   | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 183    | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_rate2006       | 187    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 72.7   | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 75.1   | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 252    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 262    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 97.8   | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 99.8   | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 191    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 195    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 72.6   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 75.1   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 249    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 259    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 97.1   | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 99.4   | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 190    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 195    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX1330 M3

2017/5/23現在

| CPU Number | # Cores / CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|---------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECint rate base2006 | 83.8   | *3     |
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECint rate2006      | 86.2   | *3     |
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp base2006       | 62.6   | *4     |
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp2006            | 63.7   | *4     |
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp rate base2006  | 92.8   | *4     |
| G3930      | 2             | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp rate2006       | 94.2   | *4     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint rate base2006 | 123    | *3     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint rate2006      | 128    | *3     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp base2006       | 75.3   | *4     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp2006            | 76.7   | *4     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp rate base2006  | 122    | *4     |
| G4560      | 2             | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp rate2006       | 124    | *4     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint rate base2006 | 141    | *3     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint rate2006      | 146    | *3     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp base2006       | 91.5   | *4     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp2006            | 93.7   | *4     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp rate base2006  | 142    | *4     |
| i3-7100    | 2             | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp rate2006       | 146    | *4     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint rate base2006 | 200    | *1     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint rate2006      | 207    | *1     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp base2006       | 92.4   | *2     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp2006            | 93.6   | *2     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp rate base2006  | 184    | *2     |
| E3-1220 v6 | 4             | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp rate2006       | 188    | *2     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint rate base2006 | 209    | *1     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint rate2006      | 217    | *1     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp base2006       | 95.9   | *2     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp2006            | 97     | *2     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp rate base2006  | 189    | *2     |
| E3-1225 v6 | 4             | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp rate2006       | 193    | *2     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 256    | *1     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 266    | *1     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 99.5   | *2     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 101    | *2     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 202    | *2     |
| E3-1230 v6 | 4             | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 205    | *2     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 265    | *1     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 276    | *1     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 102    | *2     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 103    | *2     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 205    | *2     |
| E3-1240 v6 | 4             | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 210    | *2     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 270    | *1     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 280    | *1     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 105    | *2     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *2     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 207    | *2     |
| E3-1270 v6 | 4             | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 212    | *2     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint base2006      | 74.5   | *1     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint2006           | 77     | *1     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 271    | *1     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 280    | *1     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 104    | *2     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *2     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 207    | *2     |
| E3-1280 v6 | 4             | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 212    | *2     |

\*1 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*2 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*3 measured on PRIMERGY TX1320 M3, Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*4 measured on PRIMERGY TX1320 M3, Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)



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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX200 S7, Xeon (1/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 85.4 <sup>(1)</sup>       | 89.0 <sup>(1)</sup>  |                     |                     | 90.1 <sup>(1)</sup>      | 92.9 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 26.7 <sup>(1)</sup>   | 27.8 <sup>(1)</sup> | 167 <sup>(1)</sup>        | 174 <sup>(1)</sup>   | 44.8 <sup>(1)</sup> | 46.8 <sup>(1)</sup> | 177 <sup>(1)</sup>       | 183 <sup>(1)</sup>  |
| Xeon E5-2609<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 111 <sup>(1)</sup>        | 115 <sup>(1)</sup>   |                     |                     | 110 <sup>(1)</sup>       | 113 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 34.8 <sup>(1)</sup>   | 36.5 <sup>(1)</sup> | 217 <sup>(1)</sup>        | 226 <sup>(1)</sup>   | 56.2 <sup>(1)</sup> | 58.5 <sup>(1)</sup> | 217 <sup>(1)</sup>       | 221 <sup>(1)</sup>  |
| Xeon E5-2620<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 192 <sup>(2)</sup>        | 202 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 37.0 <sup>(3)</sup>   | 39.3 <sup>(3)</sup> | 375 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 61.6 <sup>(3)</sup> | 64.6 <sup>(3)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2630<br>2300 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 214 <sup>(2)</sup>        | 223 <sup>(2)</sup>   |                     |                     | 178 <sup>(2)</sup>       | 183 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 41.0 <sup>(3)</sup>   | 43.4 <sup>(3)</sup> | 417 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 67.1 <sup>(3)</sup> | 70.4 <sup>(3)</sup> | 352 <sup>(2)</sup>       | 361 <sup>(2)</sup>  |
| Xeon E5-2630L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 192 <sup>(2)</sup>        | 201 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 169 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.9 <sup>(3)</sup>   | 39.3 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 394 <sup>(2)</sup>   | 61.1 <sup>(3)</sup> | 64.4 <sup>(3)</sup> | 325 <sup>(2)</sup>       | 333 <sup>(2)</sup>  |
| Xeon E5-2637<br>3000 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 96.5 <sup>(2)</sup>       | 101 <sup>(2)</sup>   |                     |                     | 89.2 <sup>(2)</sup>      | 92.1 <sup>(2)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.1 <sup>(3)</sup>   | 47.6 <sup>(3)</sup> | 187 <sup>(2)</sup>        | 196 <sup>(2)</sup>   | 67.3 <sup>(3)</sup> | 69.4 <sup>(3)</sup> | 175 <sup>(2)</sup>       | 180 <sup>(2)</sup>  |
| Xeon E5-2640<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 237 <sup>(2)</sup>   |                     |                     | 185 <sup>(2)</sup>       | 190 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 43.9 <sup>(3)</sup>   | 46.7 <sup>(3)</sup> | 443 <sup>(2)</sup>        | 463 <sup>(2)</sup>   | 70.6 <sup>(3)</sup> | 74.1 <sup>(3)</sup> | 367 <sup>(2)</sup>       | 376 <sup>(2)</sup>  |
| Xeon E5-2643<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 184 <sup>(2)</sup>        | 192 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 169 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.2 <sup>(3)</sup>   | 51.9 <sup>(3)</sup> | 361 <sup>(2)</sup>        | 377 <sup>(2)</sup>   | 78.3 <sup>(3)</sup> | 81.7 <sup>(3)</sup> | 326 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX200 S7, Xeon (2/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2650<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 262 <sup>(2)</sup>        | 275 <sup>(2)</sup>   |                     |                     | 212 <sup>(2)</sup>       | 218 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 41.9 <sup>(3)</sup>   | 44.9 <sup>(3)</sup> | 512 <sup>(2)</sup>        | 536 <sup>(2)</sup>   | 66.8 <sup>(3)</sup> | 71.0 <sup>(3)</sup> | 420 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2650L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 225 <sup>(2)</sup>        | 236 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 35.0 <sup>(3)</sup>   | 37.7 <sup>(3)</sup> | 439 <sup>(2)</sup>        | 459 <sup>(2)</sup>   | 59.3 <sup>(3)</sup> | 63.0 <sup>(3)</sup> | 378 <sup>(2)</sup>       | 387 <sup>(2)</sup>  |
| Xeon E5-2660<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 287 <sup>(2)</sup>        | 301 <sup>(2)</sup>   |                     |                     | 224 <sup>(2)</sup>       | 231 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.4 <sup>(3)</sup>   | 48.3 <sup>(3)</sup> | 562 <sup>(2)</sup>        | 590 <sup>(2)</sup>   | 72.9 <sup>(3)</sup> | 77.2 <sup>(3)</sup> | 444 <sup>(2)</sup>       | 457 <sup>(2)</sup>  |
| Xeon E5-2667<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 256 <sup>(2)</sup>        | 267 <sup>(2)</sup>   |                     |                     | 209 <sup>(2)</sup>       | 215 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 50.4 <sup>(3)</sup>   | 53.7 <sup>(3)</sup> | 500 <sup>(2)</sup>        | 522 <sup>(2)</sup>   | 80.0 <sup>(3)</sup> | 84.6 <sup>(3)</sup> | 414 <sup>(2)</sup>       | 425 <sup>(2)</sup>  |
| Xeon E5-2670<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 315 <sup>(2)</sup>        | 329 <sup>(2)</sup>   |                     |                     | 236 <sup>(2)</sup>       | 243 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.8 <sup>(3)</sup>   | 53.2 <sup>(3)</sup> | 618 <sup>(2)</sup>        | 644 <sup>(2)</sup>   | 76.5 <sup>(3)</sup> | 80.9 <sup>(3)</sup> | 469 <sup>(2)</sup>       | 483 <sup>(2)</sup>  |
| Xeon E5-2680<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 326 <sup>(2)</sup>        | 339 <sup>(2)</sup>   |                     |                     | 241 <sup>(2)</sup>       | 249 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 51.8 <sup>(3)</sup>   | 55.6 <sup>(3)</sup> | 638 <sup>(2)</sup>        | 663 <sup>(2)</sup>   | 81.2 <sup>(3)</sup> | 86.1 <sup>(3)</sup> | 479 <sup>(2)</sup>       | 493 <sup>(2)</sup>  |
| Xeon E5-2690<br>2900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 135 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 341 <sup>(2)</sup>        | 355 <sup>(2)</sup>   |                     |                     | 249 <sup>(2)</sup>       | 257 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 55.8 <sup>(3)</sup>   | 60.7 <sup>(3)</sup> | 667 <sup>(2)</sup>        | 695 <sup>(2)</sup>   | 89.2 <sup>(3)</sup> | 93.9 <sup>(3)</sup> | 495 <sup>(2)</sup>       | 509 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

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|-----------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Xeon (1/2)</b>                                                                             |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 91.6 <sup>(1)</sup>       | 95.2 <sup>(1)</sup>  |                     |                     | 103 <sup>(1)</sup>       | 105 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 27.8 <sup>(2)</sup>   | 29.1 <sup>(2)</sup> | 179 <sup>(2)</sup>        | 185 <sup>(2)</sup>   | 49.8 <sup>(2)</sup> | 51.3 <sup>(2)</sup> | 199 <sup>(2)</sup>       | 203 <sup>(2)</sup>  |
| Xeon E5-2609 v2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 123 <sup>(1)</sup>        | 128 <sup>(1)</sup>   |                     |                     | 131 <sup>(1)</sup>       | 133 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 37.9 <sup>(2)</sup>   | 39.8 <sup>(2)</sup> | 240 <sup>(2)</sup>        | 248 <sup>(2)</sup>   | 64.7 <sup>(2)</sup> | 66.6 <sup>(2)</sup> | 254 <sup>(2)</sup>       | 260 <sup>(2)</sup>  |
| Xeon E5-2620 v2<br>2100 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 221 <sup>(3)</sup>   |                     |                     | 193 <sup>(3)</sup>       | 197 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 40.2 <sup>(4)</sup>   | 42.8 <sup>(4)</sup> | 413 <sup>(4)</sup>        | 428 <sup>(4)</sup>   | 72.4 <sup>(4)</sup> | 75.2 <sup>(4)</sup> | 378 <sup>(4)</sup>       | 385 <sup>(4)</sup>  |
| Xeon E5-2630 v2<br>2600 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 249 <sup>(3)</sup>        | 260 <sup>(3)</sup>   |                     |                     | 215 <sup>(3)</sup>       | 220 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 47.5 <sup>(4)</sup>   | 50.4 <sup>(4)</sup> | 483 <sup>(4)</sup>        | 502 <sup>(4)</sup>   | 83.6 <sup>(4)</sup> | 86.6 <sup>(4)</sup> | 422 <sup>(4)</sup>       | 431 <sup>(4)</sup>  |
| Xeon E5-2630Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 228 <sup>(3)</sup>        | 237 <sup>(3)</sup>   |                     |                     | 202 <sup>(3)</sup>       | 206 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 43.3 <sup>(4)</sup>   | 46.0 <sup>(4)</sup> | 441 <sup>(4)</sup>        | 459 <sup>(4)</sup>   | 76.9 <sup>(4)</sup> | 79.8 <sup>(4)</sup> | 397 <sup>(4)</sup>       | 406 <sup>(4)</sup>  |
| Xeon E5-2637 v2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 220 <sup>(3)</sup>   |                     |                     | 196 <sup>(3)</sup>       | 201 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 56.0 <sup>(4)</sup>   | 59.5 <sup>(4)</sup> | 411 <sup>(4)</sup>        | 427 <sup>(4)</sup>   | 94.2 <sup>(4)</sup> | 97.7 <sup>(4)</sup> | 383 <sup>(4)</sup>       | 394 <sup>(4)</sup>  |
| Xeon E5-2640 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 268 <sup>(3)</sup>        | 278 <sup>(3)</sup>   |                     |                     | 228 <sup>(3)</sup>       | 233 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 39.8 <sup>(4)</sup>   | 42.6 <sup>(4)</sup> | 520 <sup>(4)</sup>        | 540 <sup>(4)</sup>   | 75.1 <sup>(4)</sup> | 78.0 <sup>(4)</sup> | 447 <sup>(4)</sup>       | 457 <sup>(4)</sup>  |
| Xeon E5-2643 v2<br>3500 MHz<br>6 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 314 <sup>(3)</sup>        | 326 <sup>(3)</sup>   |                     |                     | 263 <sup>(3)</sup>       | 270 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 58.9 <sup>(4)</sup>   | 62.9 <sup>(4)</sup> | 610 <sup>(4)</sup>        | 634 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 106 <sup>(4)</sup>  | 515 <sup>(4)</sup>       | 529 <sup>(4)</sup>  |
| Xeon E5-2650 v2<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 338 <sup>(3)</sup>        | 351 <sup>(3)</sup>   |                     |                     | 276 <sup>(3)</sup>       | 283 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 52.6 <sup>(4)</sup>   | 56.8 <sup>(4)</sup> | 657 <sup>(4)</sup>        | 681 <sup>(4)</sup>   | 95.4 <sup>(4)</sup> | 99.6 <sup>(4)</sup> | 542 <sup>(4)</sup>       | 556 <sup>(4)</sup>  |
| Xeon E5-2650Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 70 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 278 <sup>(3)</sup>        | 289 <sup>(3)</sup>   |                     |                     | 234 <sup>(3)</sup>       | 239 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 34.5 <sup>(4)</sup>   | 36.9 <sup>(4)</sup> | 541 <sup>(4)</sup>        | 562 <sup>(4)</sup>   | 66.4 <sup>(4)</sup> | 69.1 <sup>(4)</sup> | 458 <sup>(4)</sup>       | 469 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4

<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8

<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

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|------------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon (2/2)                                                                                     |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2660 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 368 <sup>(3)</sup>        | 380 <sup>(3)</sup>   |                     |                     | 290 <sup>(3)</sup>       | 298 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 47.7 <sup>(4)</sup>   | 51.4 <sup>(4)</sup> | 716 <sup>(4)</sup>        | 742 <sup>(4)</sup>   | 88.3 <sup>(4)</sup> | 92.5 <sup>(4)</sup> | 569 <sup>(4)</sup>       | 584 <sup>(4)</sup>  |
| Xeon E5-2667 v2<br>3300 MHz<br>8 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 399 <sup>(3)</sup>        | 413 <sup>(3)</sup>   |                     |                     | 302 <sup>(3)</sup>       | 311 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 62.7 <sup>(4)</sup>   | 67.5 <sup>(4)</sup> | 776 <sup>(4)</sup>        | 805 <sup>(4)</sup>   | 108 <sup>(4)</sup>  | 113 <sup>(4)</sup>  | 590 <sup>(4)</sup>       | 607 <sup>(4)</sup>  |
| Xeon E5-2670 v2<br>2500 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 401 <sup>(3)</sup>        | 415 <sup>(3)</sup>   |                     |                     | 306 <sup>(3)</sup>       | 314 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 52.8 <sup>(4)</sup>   | 56.9 <sup>(4)</sup> | 780 <sup>(4)</sup>        | 808 <sup>(4)</sup>   | 95.2 <sup>(4)</sup> | 99.5 <sup>(4)</sup> | 601 <sup>(4)</sup>       | 617 <sup>(4)</sup>  |
| Xeon E5-2680 v2<br>2800 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 422 <sup>(3)</sup>        | 436 <sup>(3)</sup>   |                     |                     | 315 <sup>(3)</sup>       | 324 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 56.7 <sup>(4)</sup>   | 61.1 <sup>(4)</sup> | 822 <sup>(4)</sup>        | 851 <sup>(4)</sup>   | 101 <sup>(4)</sup>  | 105 <sup>(4)</sup>  | 618 <sup>(4)</sup>       | 634 <sup>(4)</sup>  |
| Xeon E5-2690 v2<br>3000 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 442 <sup>(3)</sup>        | 457 <sup>(3)</sup>   |                     |                     | 323 <sup>(3)</sup>       | 332 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 57.4 <sup>(4)</sup>   | 61.7 <sup>(4)</sup> | 862 <sup>(4)</sup>        | 892 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 106 <sup>(4)</sup>  | 632 <sup>(4)</sup>       | 650 <sup>(4)</sup>  |
| Xeon E5-2695 v2<br>2400 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 453 <sup>(3)</sup>        | 468 <sup>(3)</sup>   |                     |                     | 333 <sup>(3)</sup>       | 342 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 50.6 <sup>(4)</sup>   | 54.4 <sup>(4)</sup> | 881 <sup>(4)</sup>        | 910 <sup>(4)</sup>   | 92.4 <sup>(4)</sup> | 96.9 <sup>(4)</sup> | 651 <sup>(4)</sup>       | 669 <sup>(4)</sup>  |
| Xeon E5-2697 v2<br>2700 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 477 <sup>(3)</sup>        | 493 <sup>(3)</sup>   |                     |                     | 343 <sup>(3)</sup>       | 353 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 55.6 <sup>(4)</sup>   | 59.9 <sup>(4)</sup> | 929 <sup>(4)</sup>        | 960 <sup>(4)</sup>   | 97.9 <sup>(4)</sup> | 103 <sup>(4)</sup>  | 678 <sup>(4)</sup>       | 696 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

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2014/7/31現在

| PRIMERGY RX2520 M1                                                                            |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|-----------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Xeon</b>                                                                                   |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2403 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 91.3 <sup>(1)</sup>       | 94.8 <sup>(1)</sup>  |                     |                     | 99.1 <sup>(1)</sup>      | 101 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 27.7 <sup>(1)</sup>   | 29.0 <sup>(1)</sup> | 179 <sup>(1)</sup>        | 185 <sup>(1)</sup>   | 49.5 <sup>(1)</sup> | 50.8 <sup>(1)</sup> | 193 <sup>(1)</sup>       | 197 <sup>(1)</sup>  |
| Xeon E5-2407 v2<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 118 <sup>(1)</sup>        | 122 <sup>(1)</sup>   |                     |                     | 120 <sup>(1)</sup>       | 122 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 36.2 <sup>(1)</sup>   | 38.1 <sup>(1)</sup> | 230 <sup>(1)</sup>        | 238 <sup>(1)</sup>   | 61.6 <sup>(1)</sup> | 63.3 <sup>(1)</sup> | 234 <sup>(1)</sup>       | 239 <sup>(1)</sup>  |
| Xeon E5-2420 v2<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 216 <sup>(2)</sup>        | 224 <sup>(2)</sup>   |                     |                     | 180 <sup>(2)</sup>       | 185 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 41.5 <sup>(2)</sup>   | 44.0 <sup>(2)</sup> | 420 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 70.4 <sup>(2)</sup> | 73.1 <sup>(2)</sup> | 355 <sup>(2)</sup>       | 364 <sup>(2)</sup>  |
| Xeon E5-2430 v2<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 237 <sup>(2)</sup>        | 246 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 195 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 45.8 <sup>(2)</sup>   | 48.7 <sup>(2)</sup> | 461 <sup>(2)</sup>        | 478 <sup>(2)</sup>   | 75.5 <sup>(2)</sup> | 78.2 <sup>(2)</sup> | 376 <sup>(2)</sup>       | 385 <sup>(2)</sup>  |
| Xeon E5-2430Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 223 <sup>(2)</sup>        | 232 <sup>(2)</sup>   |                     |                     | 184 <sup>(2)</sup>       | 188 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 43.2 <sup>(2)</sup>   | 45.8 <sup>(2)</sup> | 434 <sup>(2)</sup>        | 450 <sup>(2)</sup>   | 72.3 <sup>(2)</sup> | 74.9 <sup>(2)</sup> | 362 <sup>(2)</sup>       | 371 <sup>(2)</sup>  |
| Xeon E5-2440 v2<br>1900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 252 <sup>(2)</sup>        | 261 <sup>(2)</sup>   |                     |                     | 199 <sup>(2)</sup>       | 205 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 38.3 <sup>(2)</sup>   | 40.9 <sup>(2)</sup> | 490 <sup>(2)</sup>        | 508 <sup>(2)</sup>   | 67.8 <sup>(2)</sup> | 70.4 <sup>(2)</sup> | 393 <sup>(2)</sup>       | 403 <sup>(2)</sup>  |
| Xeon E5-2450 v2<br>2500 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 312 <sup>(2)</sup>        | 322 <sup>(2)</sup>   |                     |                     | 226 <sup>(2)</sup>       | 232 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 51.0 <sup>(2)</sup>   | 55.3 <sup>(2)</sup> | 607 <sup>(2)</sup>        | 629 <sup>(2)</sup>   | 84.4 <sup>(2)</sup> | 88.0 <sup>(2)</sup> | 446 <sup>(2)</sup>       | 457 <sup>(2)</sup>  |
| Xeon E5-2450Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 271 <sup>(2)</sup>        | 281 <sup>(2)</sup>   |                     |                     | 208 <sup>(2)</sup>       | 214 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 34.6 <sup>(2)</sup>   | 36.9 <sup>(2)</sup> | 529 <sup>(2)</sup>        | 549 <sup>(2)</sup>   | 62.3 <sup>(2)</sup> | 64.8 <sup>(2)</sup> | 410 <sup>(2)</sup>       | 421 <sup>(2)</sup>  |
| Xeon E5-2470 v2<br>2400 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 362 <sup>(2)</sup>        | 373 <sup>(2)</sup>   |                     |                     | 245 <sup>(2)</sup>       | 252 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 50.9 <sup>(2)</sup>   | 55.0 <sup>(2)</sup> | 709 <sup>(2)</sup>        | 730 <sup>(2)</sup>   | 83.6 <sup>(2)</sup> | 87.2 <sup>(2)</sup> | 486 <sup>(2)</sup>       | 499 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

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PRIMERGY RX2520 M4

2019/2/26現在

| CPU NUmber  | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Gold 5122   | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 564    | *2     |
| Gold 5122   | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 519    | *1     |
| Silver 4112 | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 439    | *2     |
| Silver 4112 | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 418    | *1     |
| Bronze 3104 | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 340    | *2     |
| Bronze 3104 | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 354    | *1     |
| Bronze 3106 | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 453    | *2     |
| Bronze 3106 | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 468    | *1     |
| Silver 4108 | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 661    | *2     |
| Silver 4108 | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 622    | *1     |
| Silver 4110 | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 733    | *2     |
| Silver 4110 | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 671    | *1     |
| Gold 5115   | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1010   | *2     |
| Gold 5115   | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 850    | *1     |
| Silver 4114 | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 939    | *2     |
| Silver 4114 | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 815    | *1     |
| Gold 5118   | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1195   | *2     |
| Gold 5118   | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 965    | *1     |
| Silver 4116 | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1016   | *2     |
| Silver 4116 | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 902    | *1     |
| Gold 5120   | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1350   | *4     |
| Gold 5120   | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1050   | *3     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 Measurement taken with C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

PRIMERGY 性能情報  
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PRIMERGY RX2530 M1 (1/3)

2015/4/24現在

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 209    | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 216    | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 190    | *3     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 196    | *3     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.1   | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 410    | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 424    | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 95.6   | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 99.1   | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 379    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 389    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 233    | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 240    | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 214    | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 222    | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.3   | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.5   | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 457    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 471    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 425    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 439    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 135    | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 140    | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 142    | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 145    | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 29.3   | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.5   | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 265    | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 275    | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 55.4   | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 57.2   | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 282    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 287    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 156    | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 163    | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 167    | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.9   | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.3   | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 306    | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 317    | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 61.9   | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 64.1   | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 324    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 330    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 261    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 270    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 235    | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 242    | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 53.8   | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 57     | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 508    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 524    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 95.2   | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 468    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 479    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 340    | *1     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 352    | *1     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 289    | *3     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 298    | *3     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.6   | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67     | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 667    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 690    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 113    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 575    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 591    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 339    | *1     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 353    | *1     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 284    | *3     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 293    | *3     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.1   | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.6   | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 664    | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 692    | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 107    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 566    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 581    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0



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PRIMERGY RX2530 M1 (2/3)

| 2015/4/24現在 |              |           |     |       |     |                 |          |       |                       |        | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA |        |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 288    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 298    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 254    | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 262    | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 2     | SPECint_base2006      | 49.9   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 2     | SPECint2006           | 53.3   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 564    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 585    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 91.5   | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 97.7   | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 506    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 519    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 359    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 371    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 294    | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 303    | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.2   | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 703    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 727    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 586    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 600    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 414    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 330    | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 340    | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.3   | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.8   | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 812    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 840    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 656    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 674    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 420    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 435    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 342    | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 354    | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 54.6   | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.6   | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 823    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 852    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 107    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 681    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 700    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 453    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 468    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 357    | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 369    | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.9   | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.4   | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 888    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 918    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 711    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 730    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 403    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 416    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 323    | *3     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 333    | *3     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.3   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.7   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 790    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 816    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.1   | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 92     | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 642    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 659    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 494    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 510    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 381    | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 394    | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 968    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 759    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 780    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0



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PRIMERGY RX2530 M1 (3/3)

| 2015/4/24現在 |              |           |     |       |     |                 |          |       |                       |        |        |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 531    | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 546    | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 391    | *3     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 405    | *3     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1040   | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1070   | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 779    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 802    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 556    | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 571    | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 403    | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 416    | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62     | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1090   | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1120   | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 801    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 824    | *6     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 546    | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 405    | *3     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 418    | *3     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 56.8   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 99.4   | *6     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 104    | *6     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 805    | *6     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 827    | *6     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 577    | *1     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 597    | *1     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 412    | *3     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 426    | *3     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.7   | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.9   | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1130   | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *6     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *6     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 820    | *6     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 844    | *6     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 622    | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 643    | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 429    | *3     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 444    | *3     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1220   | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1260   | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *6     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *6     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 853    | *6     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 879    | *6     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 643    | *1     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 663    | *1     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 437    | *3     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 452    | *3     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.6   | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.3   | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1300   | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *6     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *6     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 869    | *6     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 895    | *6     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 704    | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 724    | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 461    | *3     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 478    | *3     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.3   | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.8   | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1380   | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1420   | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *6     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *6     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 918    | *6     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 946    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2530 M2 (1/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.8   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 57.9   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 376    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 396    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91     | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 94.8   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 357    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 364    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.3   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.1   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 479    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 504    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 443    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 451    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.6   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 310    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 324    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66     | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 67.8   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 350    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 358    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 67.9   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.4   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 701    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 737    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 608    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 620    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.9   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.2   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 418    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 436    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 69.3   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 71.2   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 442    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 452    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.7   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 635    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 668    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 100    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 570    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 582    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.7   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.3   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 895    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 939    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 123    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 734    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 750    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.2   | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 811    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 851    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 672    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 688    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.5   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59.1   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 706    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 743    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 97.9   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 104    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 619    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 633    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64     | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.3   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 860    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 902    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 695    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 712    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.7   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60.1   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 111    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 809    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 828    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2530 M2 (2/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.2   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 958    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 1010   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.3   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.8   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 756    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 776    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63     | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.6   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 868    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 890    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.2   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68     | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 946    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.4   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.5   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1340   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 940    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 965    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.3   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 944    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 971    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.6   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.7   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1530   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1000   | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.5   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1430   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1490   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 983    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1010   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1520   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1580   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.4   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.3   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1600   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1670   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.2   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1750   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1820   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1100   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1130   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2530 M4

2017/8/30現在

| CPU NUmber    | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|---------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 426    | *1     |
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 430    | *2     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 330    | *1     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 364    | *2     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 822    | *1     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 780    | *2     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 440    | *1     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 481    | *2     |
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 547    | *1     |
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 534    | *2     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1060   | *1     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 968    | *2     |
| Gold 6144     | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| Gold 6144     | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 996    | *2     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 641    | *1     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 640    | *2     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 711    | *1     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 690    | *2     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 980    | *1     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 874    | *2     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 911    | *1     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 838    | *2     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1160   | *1     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 993    | *2     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1130   | *2     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1480   | *1     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1230   | *2     |
| Gold 6146     | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1540   | *1     |
| Gold 6146     | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1260   | *2     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1040   | *3     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 928    | *4     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1080   | *2     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1540   | *1     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1250   | *2     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1560   | *1     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1270   | *2     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1710   | *1     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1350   | *2     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1370   | *1     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1170   | *2     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1760   | *1     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1380   | *2     |
| Gold 6150     | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1900   | *1     |
| Gold 6150     | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1430   | *2     |
| Gold 6154     | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2090   | *1     |
| Gold 6154     | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1520   | *2     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1770   | *1     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1390   | *2     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1940   | *1     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1470   | *2     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1990   | *1     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 2090   | *1     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1490   | *2     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1520   | *2     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2170   | *1     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1560   | *2     |
| Platinum 8168 | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2460   | *1     |
| Platinum 8168 | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1690   | *2     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2220   | *1     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1590   | *2     |
| Platinum 8170 | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2310   | *1     |
| Platinum 8170 | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1630   | *2     |
| Platinum 8176 | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2440   | *1     |
| Platinum 8176 | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1680   | *2     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2670   | *1     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate2006      | 2780   | *1     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1770   | *2     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1800   | *2     |

\*1 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 measured on PRIMERGY RX2540 M4, Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 measured on PRIMERGY RX2540 M4, Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

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SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M1 (1/3)

| 2015/1/30現在 |              |           |     |       |     |                 |          |       |                       |        |        |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 209    | *6     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 216    | *6     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 191    | *9     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 196    | *9     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 410    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 424    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 94.4   | *5     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 97.3   | *5     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 380    | *5     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 389    | *5     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 233    | *6     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 240    | *6     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 214    | *9     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 222    | *9     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.5   | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.7   | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 456    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 470    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 101    | *5     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 103    | *5     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 425    | *5     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 440    | *5     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 135    | *6     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 140    | *6     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 142    | *9     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 145    | *9     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 28.9   | *3     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.1   | *3     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 265    | *1     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 274    | *1     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 54.8   | *5     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 56.6   | *5     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 282    | *5     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 288    | *5     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 156    | *6     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *6     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 163    | *9     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 167    | *9     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.9   | *3     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.2   | *3     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 306    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 317    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 61     | *5     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 63.1   | *5     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 325    | *5     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 331    | *5     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 258    | *7     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 269    | *7     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 235    | *9     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 242    | *9     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.1   | *3     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 506    | *3     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 528    | *3     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 94.6   | *5     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *5     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 468    | *5     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 479    | *5     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 340    | *6     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 351    | *6     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 286    | *9     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 295    | *9     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 64     | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67.5   | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 667    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 688    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *5     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *5     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 569    | *5     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 585    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 338    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 352    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 283    | *9     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 291    | *9     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.6   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.1   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 662    | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 690    | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 563    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 577    | *5     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*7 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*8 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*9 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M1 (2/3)

2015/1/30現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 285    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate2006      | 296    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 251    | *9     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 259    | *9     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.6   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 559    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 580    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.5   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 93.6   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 499    | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 512    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 359    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 370    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 293    | *9     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 302    | *9     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.2   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 703    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 726    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 109    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 583    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 598    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 414    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 428    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 330    | *9     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 340    | *9     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.3   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 812    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 838    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 115    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 119    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 656    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 673    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 421    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 434    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 343    | *9     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 354    | *9     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 53.8   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 825    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 850    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 106    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 682    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 700    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 453    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 468    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 355    | *9     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 367    | *9     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.7   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 888    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 917    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 706    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 726    | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 414    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 336    | *9     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 347    | *9     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.4   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.7   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 812    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 841    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 87.5   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 91.4   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 668    | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 687    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 494    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 510    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 381    | *9     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 393    | *9     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56     | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59.2   | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 968    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 999    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 759    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 779    | *5     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*7 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*8 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*9 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M1 (3/3)

2015/1/30現在

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 531    | *6     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 546    | *6     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 392    | *9     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 406    | *9     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 59.7   | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.9   | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1040   | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1070   | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *5     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 781    | *5     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 804    | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 551    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 566    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 398    | *9     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 412    | *9     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.7   | *3     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *3     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *1     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1110   | *1     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 793    | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 815    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 541    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 404    | *9     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 417    | *9     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 56.5   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1060   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 98.3   | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 102    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 804    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 826    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 582    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 602    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 410    | *9     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 424    | *9     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.9   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.6   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1140   | *1     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1180   | *1     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 816    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 840    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 617    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 638    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 427    | *9     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 441    | *9     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.6   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.1   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1210   | *1     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1250   | *1     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 849    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 874    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 638    | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 658    | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 436    | *9     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 451    | *9     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.5   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1250   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1290   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 868    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 893    | *5     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 699    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 719    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 461    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 478    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.9   | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66     | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1370   | *1     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1410   | *1     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 917    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 946    | *4     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*7 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*8 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*9 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M2 (1/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.1   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.2   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 376    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 396    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.7   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 94.6   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 357    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 363    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65     | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67.8   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 479    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 504    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 442    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 451    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.6   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 311    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 324    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66     | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 67.8   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 350    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 357    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 67.9   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.4   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 702    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 739    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 609    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 621    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.7   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.2   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 413    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 431    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 68.9   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 70.9   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 438    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 448    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 57     | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.7   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 638    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 671    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 100    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 573    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 585    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.9   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.4   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 899    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 944    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 124    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 128    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 734    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 750    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.1   | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 810    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 850    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 111    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 671    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 687    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59     | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 693    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 730    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 97.6   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 104    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 608    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 622    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.6   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.9   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 859    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 900    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 695    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 711    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.5   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60     | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 999    | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 805    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 824    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*3 Measurement taken with C/C++: Version 17.0.0.098 of Intel C/C++, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*4 Measurement taken with C/C++: Version 17.0.0.098 of Intel C/C++; Fortran: Version 17.0.0.098 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M2 (2/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.4   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.2   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 950    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 89.7   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.5   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 752    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 771    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63     | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 869    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 890    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68     | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 948    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.6   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.5   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 933    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 959    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.3   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 939    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 965    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73     | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1530   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 994    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1020   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.7   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.6   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1430   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1490   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 978    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1010   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 69.2   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1510   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1570   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.2   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.5   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1600   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1670   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.2   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1750   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1820   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1100   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1130   | *2     |
| E5-2699A v4 | 22           | 2400      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1810   | *3     |
| E5-2699A v4 | 22           | 2400      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1860   | *3     |
| E5-2699A v4 | 22           | 2400      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1120   | *4     |
| E5-2699A v4 | 22           | 2400      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1150   | *4     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*3 Measurement taken with C/C++: Version 17.0.0.098 of Intel C/C++, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*4 Measurement taken with C/C++: Version 17.0.0.098 of Intel C/C++; Fortran: Version 17.0.0.098 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2540 M4

2017/8/30現在

| CPU NUmber    | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|---------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 426    | *1     |
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 430    | *2     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 330    | *1     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 364    | *2     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 822    | *1     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 780    | *2     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 440    | *1     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 481    | *2     |
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 547    | *1     |
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 534    | *2     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1060   | *1     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 968    | *2     |
| Gold 6144     | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| Gold 6144     | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 996    | *2     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 641    | *1     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 640    | *2     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 711    | *1     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 690    | *2     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 980    | *1     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 874    | *2     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 911    | *1     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 838    | *2     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1160   | *1     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 993    | *2     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1130   | *2     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1480   | *1     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1230   | *2     |
| Gold 6146     | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1540   | *1     |
| Gold 6146     | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1260   | *2     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1060   | *3     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 938    | *4     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1080   | *2     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1540   | *1     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1250   | *2     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1560   | *1     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1270   | *2     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1710   | *1     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1350   | *2     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1370   | *1     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1170   | *2     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1760   | *1     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1380   | *2     |
| Gold 6150     | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1900   | *1     |
| Gold 6150     | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1430   | *2     |
| Gold 6154     | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2090   | *1     |
| Gold 6154     | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1520   | *2     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1770   | *1     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1390   | *2     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1940   | *1     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1470   | *2     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1990   | *1     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 2090   | *1     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1490   | *2     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1520   | *2     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2170   | *1     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1560   | *2     |
| Platinum 8168 | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2460   | *1     |
| Platinum 8168 | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1690   | *2     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2220   | *1     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1590   | *2     |
| Platinum 8170 | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2310   | *1     |
| Platinum 8170 | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1630   | *2     |
| Platinum 8176 | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2440   | *1     |
| Platinum 8176 | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1680   | *2     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2710   | *3     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate2006      | 2820   | *3     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1790   | *4     |
| Platinum 8180 | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1820   | *4     |

\*1 measured on PRIMERGY RX2530 M4, Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*2 measured on PRIMERGY RX2530 M4, Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, Fortran: Version 17.0.3.191of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*3 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*4 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY RX2560 M1 (1/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 209    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 216    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 190    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 196    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 409    | *7     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 424    | *7     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 94.4   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 97.3   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 379    | *8     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 388    | *8     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 232    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 241    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 213    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 221    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.5   | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.7   | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 455    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 472    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 101    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 103    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 424    | *8     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 438    | *8     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 135    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 140    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 141    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 144    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 28.9   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.1   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 265    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 274    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 54.8   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 56.6   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 280    | *8     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 285    | *8     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 156    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 162    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 166    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.9   | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.2   | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 306    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 317    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 61     | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 63.1   | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 323    | *8     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 329    | *8     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 258    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 267    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 234    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 241    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.1   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 506    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 524    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 94.6   | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 466    | *8     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 477    | *8     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 341    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 353    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 288    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 297    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.5   | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 668    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 691    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 573    | *8     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 589    | *8     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1

\*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6

\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1

\*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1

\*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1

\*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

\*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6

\*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2560 M1 (2/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 337    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 347    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 284    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 292    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.6   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.1   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 660    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 681    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 565    | *8     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 579    | *8     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 287    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate2006      | 298    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 249    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 257    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.6   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 562    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 584    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.5   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 93.6   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 496    | *8     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 509    | *8     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 359    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 371    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 293    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 303    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.2   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 703    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 728    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 109    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 583    | *8     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 599    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 414    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 329    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 340    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.3   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 811    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 840    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 655    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 673    | *8     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 420    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 434    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 342    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 353    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 53.8   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 823    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 851    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 106    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 681    | *8     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 699    | *8     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1  
\*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
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PRIMERGY RX2560 M1 (3/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 452    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 466    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 352    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 364    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.7   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 885    | *7     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 913    | *7     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 701    | *8     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 720    | *8     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 407    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 420    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 323    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 333    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.4   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.7   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 797    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 824    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 87.5   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 91.4   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 642    | *8     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 659    | *8     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 493    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 510    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 380    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 393    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56     | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59.2   | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 967    | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *8     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 778    | *8     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 526    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 546    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 385    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 399    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 59.7   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.9   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1030   | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1070   | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 767    | *8     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 790    | *8     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 551    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 566    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 398    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 413    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.7   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1110   | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 793    | *8     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 817    | *8     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1  
\*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2560 M1 (4/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 546    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 403    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 416    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 56.5   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *7     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *7     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 98.3   | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 102    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 802    | *8     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 824    | *8     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 577    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 597    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 412    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 426    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.9   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.6   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1130   | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 820    | *8     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 843    | *8     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 617    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 638    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 425    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 440    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.6   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.1   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1210   | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1250   | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 846    | *8     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 871    | *8     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 643    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 663    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 436    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 451    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.5   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1300   | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 867    | *8     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 694    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 719    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 458    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 474    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.4   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1360   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1410   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 912    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 938    | *8     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1  
\*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1  
\*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1  
\*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2560 M2 (1/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56     | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.1   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 376    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 396    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91     | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 94.9   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 356    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 363    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.2   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 478    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 503    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 442    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 451    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.7   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 311    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 324    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 65.9   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 67.8   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 350    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 358    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 67.9   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.4   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 701    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 738    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 609    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 621    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.8   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.1   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 413    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 431    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 68.4   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 70.4   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 438    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 448    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.8   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.5   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 634    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 667    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 99.5   | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 568    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 579    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.7   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.2   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 895    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 940    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 123    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 719    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 736    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.1   | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 62.9   | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 811    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 850    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 111    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 671    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 687    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59     | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 706    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 742    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 97.6   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 104    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 620    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 633    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.6   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.8   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 860    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 901    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 696    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 712    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.5   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60     | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 805    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 825    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX2560 M2 (2/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.1   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 958    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 1010   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.5   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 96     | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 756    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 776    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 62.9   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.5   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1110   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1160   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 864    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 886    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.1   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 947    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.6   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.6   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1340   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1400   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 941    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 966    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.3   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 945    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 971    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.9   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73.1   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1540   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1000   | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.8   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.4   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1440   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1500   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 978    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1010   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1520   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1580   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.6   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.5   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1600   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1670   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1060   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.2   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73     | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1760   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1830   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1130   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)



**PRIMERGY 性能情報**  
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2012/6/5現在

|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX300 S7, Xeon (1/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 86.1 <sup>(1)</sup>       | 89.6 <sup>(1)</sup>  |                     |                     | 91.1 <sup>(1)</sup>      | 93.9 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 26.6 <sup>(1)</sup>   | 27.8 <sup>(1)</sup> | 168 <sup>(1)</sup>        | 175 <sup>(1)</sup>   | 45.2 <sup>(1)</sup> | 47.2 <sup>(1)</sup> | 179 <sup>(1)</sup>       | 184 <sup>(1)</sup>  |
| Xeon E5-2609<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 111 <sup>(1)</sup>        | 116 <sup>(1)</sup>   |                     |                     | 111 <sup>(1)</sup>       | 114 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 34.6 <sup>(1)</sup>   | 36.3 <sup>(1)</sup> | 217 <sup>(1)</sup>        | 226 <sup>(1)</sup>   | 56.7 <sup>(1)</sup> | 59.1 <sup>(1)</sup> | 219 <sup>(1)</sup>       | 225 <sup>(1)</sup>  |
| Xeon E5-2620<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 202 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 37.0 <sup>(3)</sup>   | 39.3 <sup>(3)</sup> | 376 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 61.6 <sup>(3)</sup> | 64.9 <sup>(3)</sup> | 329 <sup>(2)</sup>       | 337 <sup>(2)</sup>  |
| Xeon E5-2630<br>2300 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 213 <sup>(2)</sup>        | 223 <sup>(2)</sup>   |                     |                     | 178 <sup>(2)</sup>       | 183 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 41.2 <sup>(3)</sup>   | 43.8 <sup>(3)</sup> | 417 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 67.8 <sup>(3)</sup> | 71.0 <sup>(3)</sup> | 352 <sup>(2)</sup>       | 361 <sup>(2)</sup>  |
| Xeon E5-2630L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 201 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.8 <sup>(3)</sup>   | 39.1 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 394 <sup>(2)</sup>   | 61.6 <sup>(3)</sup> | 64.9 <sup>(3)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2637<br>3000 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 96.7 <sup>(2)</sup>       | 101 <sup>(2)</sup>   |                     |                     | 89.5 <sup>(2)</sup>      | 92.4 <sup>(2)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.1 <sup>(3)</sup>   | 47.5 <sup>(3)</sup> | 187 <sup>(2)</sup>        | 196 <sup>(2)</sup>   | 65.9 <sup>(3)</sup> | 67.9 <sup>(3)</sup> | 175 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
| Xeon E5-2640<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 237 <sup>(2)</sup>   |                     |                     | 185 <sup>(2)</sup>       | 190 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 43.8 <sup>(3)</sup>   | 46.6 <sup>(3)</sup> | 444 <sup>(2)</sup>        | 463 <sup>(2)</sup>   | 70.9 <sup>(3)</sup> | 74.6 <sup>(3)</sup> | 367 <sup>(2)</sup>       | 376 <sup>(2)</sup>  |
| Xeon E5-2643<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 185 <sup>(2)</sup>        | 194 <sup>(2)</sup>   |                     |                     | 165 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.3 <sup>(3)</sup>   | 52.0 <sup>(3)</sup> | 361 <sup>(2)</sup>        | 378 <sup>(2)</sup>   | 78.4 <sup>(3)</sup> | 82.0 <sup>(3)</sup> | 327 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.1, hyperthreading off

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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX300 S7, Xeon (2/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2650<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 265 <sup>(2)</sup>        | 276 <sup>(2)</sup>   |                     |                     | 212 <sup>(2)</sup>       | 218 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 42.1 <sup>(3)</sup>   | 45.4 <sup>(3)</sup> | 517 <sup>(2)</sup>        | 540 <sup>(2)</sup>   | 66.9 <sup>(3)</sup> | 71.0 <sup>(3)</sup> | 421 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2650L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 225 <sup>(2)</sup>        | 236 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 35.2 <sup>(3)</sup>   | 37.7 <sup>(3)</sup> | 441 <sup>(2)</sup>        | 461 <sup>(2)</sup>   | 59.8 <sup>(3)</sup> | 63.1 <sup>(3)</sup> | 377 <sup>(2)</sup>       | 386 <sup>(2)</sup>  |
| Xeon E5-2660<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 291 <sup>(2)</sup>        | 302 <sup>(2)</sup>   |                     |                     | 225 <sup>(2)</sup>       | 231 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.2 <sup>(3)</sup>   | 48.3 <sup>(3)</sup> | 568 <sup>(2)</sup>        | 593 <sup>(2)</sup>   | 73.4 <sup>(3)</sup> | 77.6 <sup>(3)</sup> | 446 <sup>(2)</sup>       | 459 <sup>(2)</sup>  |
| Xeon E5-2667<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 258 <sup>(2)</sup>        | 269 <sup>(2)</sup>   |                     |                     | 211 <sup>(2)</sup>       | 217 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 50.8 <sup>(3)</sup>   | 54.2 <sup>(3)</sup> | 504 <sup>(2)</sup>        | 526 <sup>(2)</sup>   | 81.0 <sup>(3)</sup> | 85.4 <sup>(3)</sup> | 418 <sup>(2)</sup>       | 429 <sup>(2)</sup>  |
| Xeon E5-2670<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 317 <sup>(2)</sup>        | 330 <sup>(2)</sup>   |                     |                     | 237 <sup>(2)</sup>       | 245 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.4 <sup>(3)</sup>   | 52.7 <sup>(3)</sup> | 618 <sup>(2)</sup>        | 644 <sup>(2)</sup>   | 76.8 <sup>(3)</sup> | 81.1 <sup>(3)</sup> | 469 <sup>(2)</sup>       | 484 <sup>(2)</sup>  |
| Xeon E5-2680<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 326 <sup>(2)</sup>        | 339 <sup>(2)</sup>   |                     |                     | 242 <sup>(2)</sup>       | 249 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 52.2 <sup>(3)</sup>   | 56.0 <sup>(3)</sup> | 638 <sup>(2)</sup>        | 664 <sup>(2)</sup>   | 81.7 <sup>(3)</sup> | 86.5 <sup>(3)</sup> | 479 <sup>(2)</sup>       | 493 <sup>(2)</sup>  |
| Xeon E5-2690<br>2900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 135 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 339 <sup>(2)</sup>        | 354 <sup>(2)</sup>   |                     |                     | 248 <sup>(2)</sup>       | 256 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 56.3 <sup>(4)</sup>   | 60.5 <sup>(4)</sup> | 669 <sup>(2)</sup>        | 697 <sup>(2)</sup>   | 86.8 <sup>(3)</sup> | 91.5 <sup>(3)</sup> | 495 <sup>(2)</sup>       | 509 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.1, hyperthreading off

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|-----------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Xeon (1/2)</b>                                                                             |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 91.6 <sup>(1)</sup>       | 95.2 <sup>(1)</sup>  |                     |                     | 103 <sup>(1)</sup>       | 105 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM |                       | 29.1 <sup>(1)</sup> | 179 <sup>(1)</sup>        | 185 <sup>(1)</sup>   | 51.0 <sup>(1)</sup> | 52.4 <sup>(1)</sup> | 199 <sup>(1)</sup>       | 203 <sup>(1)</sup>  |
| Xeon E5-2609 v2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 123 <sup>(1)</sup>        | 128 <sup>(1)</sup>   |                     |                     | 131 <sup>(1)</sup>       | 133 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 37.9 <sup>(1)</sup>   | 39.7 <sup>(1)</sup> | 240 <sup>(1)</sup>        | 249 <sup>(1)</sup>   | 64.9 <sup>(1)</sup> | 66.8 <sup>(1)</sup> | 254 <sup>(1)</sup>       | 259 <sup>(1)</sup>  |
| Xeon E5-2620 v2<br>2100 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 212 <sup>(2)</sup>        | 221 <sup>(2)</sup>   |                     |                     | 193 <sup>(2)</sup>       | 197 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 40.0 <sup>(2)</sup>   | 42.3 <sup>(2)</sup> | 412 <sup>(2)</sup>        | 428 <sup>(2)</sup>   | 72.1 <sup>(2)</sup> | 74.9 <sup>(2)</sup> | 377 <sup>(2)</sup>       | 385 <sup>(2)</sup>  |
| Xeon E5-2630 v2<br>2600 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 249 <sup>(2)</sup>        | 260 <sup>(2)</sup>   |                     |                     | 215 <sup>(2)</sup>       | 220 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 47.4 <sup>(2)</sup>   | 50.4 <sup>(2)</sup> | 484 <sup>(2)</sup>        | 502 <sup>(2)</sup>   | 83.4 <sup>(2)</sup> | 86.5 <sup>(2)</sup> | 423 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2630Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 228 <sup>(2)</sup>        | 237 <sup>(2)</sup>   |                     |                     | 202 <sup>(2)</sup>       | 206 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 43.0 <sup>(2)</sup>   | 45.8 <sup>(2)</sup> | 442 <sup>(2)</sup>        | 459 <sup>(2)</sup>   | 77.1 <sup>(2)</sup> | 80.0 <sup>(2)</sup> | 396 <sup>(2)</sup>       | 405 <sup>(2)</sup>  |
| Xeon E5-2637 v2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 212 <sup>(2)</sup>        | 220 <sup>(2)</sup>   |                     |                     | 196 <sup>(2)</sup>       | 201 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 56.3 <sup>(2)</sup>   | 59.6 <sup>(2)</sup> | 412 <sup>(2)</sup>        | 428 <sup>(2)</sup>   | 94.3 <sup>(2)</sup> | 97.6 <sup>(2)</sup> | 384 <sup>(2)</sup>       | 394 <sup>(2)</sup>  |
| Xeon E5-2640 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 268 <sup>(2)</sup>        | 278 <sup>(2)</sup>   |                     |                     | 228 <sup>(2)</sup>       | 233 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 40.0 <sup>(2)</sup>   | 42.9 <sup>(2)</sup> | 519 <sup>(2)</sup>        | 540 <sup>(2)</sup>   | 74.9 <sup>(2)</sup> | 77.8 <sup>(2)</sup> | 447 <sup>(2)</sup>       | 458 <sup>(2)</sup>  |
| Xeon E5-2643 v2<br>3500 MHz<br>6 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 314 <sup>(2)</sup>        | 326 <sup>(2)</sup>   |                     |                     | 263 <sup>(2)</sup>       | 270 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 59.3 <sup>(2)</sup>   | 63.6 <sup>(2)</sup> | 611 <sup>(2)</sup>        | 636 <sup>(2)</sup>   | 102 <sup>(2)</sup>  | 105 <sup>(2)</sup>  | 518 <sup>(2)</sup>       | 531 <sup>(2)</sup>  |
| Xeon E5-2650 v2<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 338 <sup>(2)</sup>        | 351 <sup>(2)</sup>   |                     |                     | 276 <sup>(2)</sup>       | 283 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 52.6 <sup>(2)</sup>   | 56.8 <sup>(2)</sup> | 657 <sup>(2)</sup>        | 682 <sup>(2)</sup>   | 95.3 <sup>(2)</sup> | 99.5 <sup>(2)</sup> | 542 <sup>(2)</sup>       | 555 <sup>(2)</sup>  |
| Xeon E5-2650Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 278 <sup>(2)</sup>        | 289 <sup>(2)</sup>   |                     |                     | 234 <sup>(2)</sup>       | 239 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 34.5 <sup>(2)</sup>   | 36.9 <sup>(2)</sup> | 542 <sup>(2)</sup>        | 563 <sup>(2)</sup>   | 66.6 <sup>(2)</sup> | 69.4 <sup>(2)</sup> | 458 <sup>(2)</sup>       | 469 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

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|------------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Xeon (2/2)</b>                                                                              |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2660 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 368 <sup>(2)</sup>        | 380 <sup>(2)</sup>   |                     |                     | 290 <sup>(2)</sup>       | 298 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 48.1 <sup>(2)</sup>   | 51.9 <sup>(2)</sup> | 716 <sup>(2)</sup>        | 744 <sup>(2)</sup>   | 88.4 <sup>(2)</sup> | 92.5 <sup>(2)</sup> | 570 <sup>(2)</sup>       | 585 <sup>(2)</sup>  |
| Xeon E5-2667 v2<br>3300 MHz<br>8 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 399 <sup>(2)</sup>        | 413 <sup>(2)</sup>   |                     |                     | 302 <sup>(2)</sup>       | 311 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 62.6 <sup>(2)</sup>   | 67.4 <sup>(2)</sup> | 776 <sup>(2)</sup>        | 805 <sup>(2)</sup>   | 108 <sup>(2)</sup>  | 112 <sup>(2)</sup>  | 595 <sup>(2)</sup>       | 611 <sup>(2)</sup>  |
| Xeon E5-2670 v2<br>2500 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 401 <sup>(2)</sup>        | 415 <sup>(2)</sup>   |                     |                     | 306 <sup>(2)</sup>       | 314 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 52.7 <sup>(2)</sup>   | 56.9 <sup>(2)</sup> | 781 <sup>(2)</sup>        | 809 <sup>(2)</sup>   | 95.5 <sup>(2)</sup> | 99.8 <sup>(2)</sup> | 602 <sup>(2)</sup>       | 617 <sup>(2)</sup>  |
| Xeon E5-2680 v2<br>2800 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 422 <sup>(2)</sup>        | 436 <sup>(2)</sup>   |                     |                     | 315 <sup>(2)</sup>       | 324 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 56.5 <sup>(2)</sup>   | 61.1 <sup>(2)</sup> | 823 <sup>(2)</sup>        | 852 <sup>(2)</sup>   | 100 <sup>(2)</sup>  | 105 <sup>(2)</sup>  | 621 <sup>(2)</sup>       | 638 <sup>(2)</sup>  |
| Xeon E5-2690 v2<br>3000 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 442 <sup>(2)</sup>        | 457 <sup>(2)</sup>   |                     |                     | 323 <sup>(2)</sup>       | 332 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 57.6 <sup>(2)</sup>   | 61.8 <sup>(2)</sup> | 863 <sup>(2)</sup>        | 892 <sup>(2)</sup>   | 102 <sup>(2)</sup>  | 106 <sup>(2)</sup>  | 638 <sup>(2)</sup>       | 655 <sup>(2)</sup>  |
| Xeon E5-2695 v2<br>2400 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 453 <sup>(2)</sup>        | 468 <sup>(2)</sup>   |                     |                     | 333 <sup>(2)</sup>       | 342 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 50.8 <sup>(2)</sup>   | 54.7 <sup>(2)</sup> | 883 <sup>(2)</sup>        | 913 <sup>(2)</sup>   | 91.7 <sup>(2)</sup> | 96.2 <sup>(2)</sup> | 657 <sup>(2)</sup>       | 675 <sup>(2)</sup>  |
| Xeon E5-2697 v2<br>2700 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 477 <sup>(2)</sup>        | 493 <sup>(2)</sup>   |                     |                     | 343 <sup>(2)</sup>       | 353 <sup>(2)</sup>  |
|                                                                                                | 2<br>CPU | DDR3-SDRAM | 55.4 <sup>(2)</sup>   | 59.9 <sup>(2)</sup> | 931 <sup>(2)</sup>        | 962 <sup>(2)</sup>   | 97.4 <sup>(2)</sup> | 102 <sup>(2)</sup>  | 677 <sup>(2)</sup>       | 696 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX350 S7, Xeon (1/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 85.9 <sup>(1)</sup>       | 89.5 <sup>(1)</sup>  |                     |                     | 90.1 <sup>(1)</sup>      | 91.7 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 26.7 <sup>(1)</sup>   | 28.0 <sup>(1)</sup> | 168 <sup>(1)</sup>        | 175 <sup>(1)</sup>   | 45.3 <sup>(1)</sup> | 47.0 <sup>(1)</sup> | 177 <sup>(1)</sup>       | 182 <sup>(1)</sup>  |
| Xeon E5-2609<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 111 <sup>(1)</sup>        | 115 <sup>(1)</sup>   |                     |                     | 110 <sup>(1)</sup>       | 114 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 34.9 <sup>(1)</sup>   | 36.6 <sup>(1)</sup> | 217 <sup>(1)</sup>        | 226 <sup>(1)</sup>   | 56.7 <sup>(1)</sup> | 58.8 <sup>(1)</sup> | 217 <sup>(1)</sup>       | 221 <sup>(1)</sup>  |
| Xeon E5-2620<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 192 <sup>(2)</sup>        | 201 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 169 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.8 <sup>(3)</sup>   | 39.1 <sup>(3)</sup> | 376 <sup>(2)</sup>        | 392 <sup>(2)</sup>   | 61.2 <sup>(3)</sup> | 64.4 <sup>(3)</sup> | 326 <sup>(2)</sup>       | 334 <sup>(2)</sup>  |
| Xeon E5-2630<br>2300 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 214 <sup>(2)</sup>        | 223 <sup>(2)</sup>   |                     |                     | 176 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 41.0 <sup>(3)</sup>   | 43.4 <sup>(3)</sup> | 417 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 66.4 <sup>(3)</sup> | 70.0 <sup>(3)</sup> | 350 <sup>(2)</sup>       | 359 <sup>(2)</sup>  |
| Xeon E5-2630L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 202 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.9 <sup>(3)</sup>   | 39.2 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 61.8 <sup>(3)</sup> | 65.1 <sup>(3)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2637<br>3000 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 96.2 <sup>(2)</sup>       | 101 <sup>(2)</sup>   |                     |                     | 89.0 <sup>(2)</sup>      | 92.1 <sup>(2)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 44.8 <sup>(3)</sup>   | 47.4 <sup>(3)</sup> | 187 <sup>(2)</sup>        | 195 <sup>(2)</sup>   | 65.7 <sup>(3)</sup> | 67.6 <sup>(3)</sup> | 175 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
| Xeon E5-2640<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 238 <sup>(2)</sup>   |                     |                     | 184 <sup>(2)</sup>       | 189 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 44.0 <sup>(3)</sup>   | 46.8 <sup>(3)</sup> | 444 <sup>(2)</sup>        | 464 <sup>(2)</sup>   | 70.1 <sup>(3)</sup> | 73.6 <sup>(3)</sup> | 365 <sup>(2)</sup>       | 374 <sup>(2)</sup>  |
| Xeon E5-2643<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 186 <sup>(2)</sup>        | 194 <sup>(2)</sup>   |                     |                     | 163 <sup>(2)</sup>       | 168 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.3 <sup>(3)</sup>   | 51.9 <sup>(3)</sup> | 362 <sup>(2)</sup>        | 378 <sup>(2)</sup>   | 78.0 <sup>(3)</sup> | 81.5 <sup>(3)</sup> | 323 <sup>(2)</sup>       | 331 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

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|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY RX350 S7, Xeon (2/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2650<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 265 <sup>(2)</sup>        | 276 <sup>(2)</sup>   |                     |                     | 212 <sup>(2)</sup>       | 218 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 42.1 <sup>(3)</sup>   | 45.5 <sup>(3)</sup> | 518 <sup>(2)</sup>        | 542 <sup>(2)</sup>   | 66.7 <sup>(3)</sup> | 70.9 <sup>(3)</sup> | 420 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2650L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 226 <sup>(2)</sup>        | 236 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 35.1 <sup>(3)</sup>   | 37.6 <sup>(3)</sup> | 441 <sup>(2)</sup>        | 461 <sup>(2)</sup>   | 58.0 <sup>(3)</sup> | 61.6 <sup>(3)</sup> | 377 <sup>(2)</sup>       | 387 <sup>(2)</sup>  |
| Xeon E5-2660<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 291 <sup>(2)</sup>        | 303 <sup>(2)</sup>   |                     |                     | 225 <sup>(2)</sup>       | 232 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.5 <sup>(3)</sup>   | 48.8 <sup>(3)</sup> | 569 <sup>(2)</sup>        | 594 <sup>(2)</sup>   | 71.9 <sup>(3)</sup> | 75.6 <sup>(3)</sup> | 446 <sup>(2)</sup>       | 459 <sup>(2)</sup>  |
| Xeon E5-2667<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 258 <sup>(2)</sup>        | 269 <sup>(2)</sup>   |                     |                     | 209 <sup>(2)</sup>       | 215 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 50.3 <sup>(3)</sup>   | 53.7 <sup>(3)</sup> | 503 <sup>(2)</sup>        | 525 <sup>(2)</sup>   | 79.8 <sup>(3)</sup> | 84.1 <sup>(3)</sup> | 415 <sup>(2)</sup>       | 426 <sup>(2)</sup>  |
| Xeon E5-2670<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 317 <sup>(2)</sup>        | 330 <sup>(2)</sup>   |                     |                     | 237 <sup>(2)</sup>       | 244 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.4 <sup>(3)</sup>   | 52.9 <sup>(3)</sup> | 620 <sup>(2)</sup>        | 646 <sup>(2)</sup>   | 77.0 <sup>(3)</sup> | 81.4 <sup>(3)</sup> | 470 <sup>(2)</sup>       | 484 <sup>(2)</sup>  |
| Xeon E5-2680<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 326 <sup>(2)</sup>        | 339 <sup>(2)</sup>   |                     |                     | 241 <sup>(2)</sup>       | 249 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 51.8 <sup>(3)</sup>   | 55.8 <sup>(3)</sup> | 638 <sup>(2)</sup>        | 664 <sup>(2)</sup>   | 79.0 <sup>(3)</sup> | 83.7 <sup>(3)</sup> | 479 <sup>(2)</sup>       | 493 <sup>(2)</sup>  |
| Xeon E5-2690<br>2900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 135 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 339 <sup>(2)</sup>        | 353 <sup>(2)</sup>   |                     |                     | 248 <sup>(2)</sup>       | 256 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 55.8 <sup>(3)</sup>   | 60.7 <sup>(3)</sup> | 661 <sup>(2)</sup>        | 691 <sup>(2)</sup>   | 86.6 <sup>(3)</sup> | 92.7 <sup>(3)</sup> | 491 <sup>(2)</sup>       | 507 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

| PRIMERGY RX350 S8                                                                             |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|-----------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon(1/2)                                                                                     |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 91.6 <sup>(1)</sup>       | 95.2 <sup>(1)</sup>  |                     |                     | 103 <sup>(1)</sup>       | 105 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 27.9 <sup>(2)</sup>   | 29.0 <sup>(2)</sup> | 179 <sup>(2)</sup>        | 186 <sup>(2)</sup>   | 49.9 <sup>(2)</sup> | 51.3 <sup>(2)</sup> | 199 <sup>(2)</sup>       | 203 <sup>(2)</sup>  |
| Xeon E5-2609 v2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 123 <sup>(1)</sup>        | 128 <sup>(1)</sup>   |                     |                     | 131 <sup>(1)</sup>       | 133 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 37.8 <sup>(2)</sup>   | 39.6 <sup>(2)</sup> | 240 <sup>(2)</sup>        | 248 <sup>(2)</sup>   | 64.7 <sup>(2)</sup> | 66.6 <sup>(2)</sup> | 254 <sup>(2)</sup>       | 260 <sup>(2)</sup>  |
| Xeon E5-2620 v2<br>2100 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 221 <sup>(3)</sup>   |                     |                     | 193 <sup>(3)</sup>       | 197 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 40.1 <sup>(4)</sup>   | 42.8 <sup>(4)</sup> | 412 <sup>(4)</sup>        | 429 <sup>(4)</sup>   | 72.7 <sup>(4)</sup> | 75.4 <sup>(4)</sup> | 376 <sup>(4)</sup>       | 384 <sup>(4)</sup>  |
| Xeon E5-2630 v2<br>2600 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 249 <sup>(3)</sup>        | 260 <sup>(3)</sup>   |                     |                     | 215 <sup>(3)</sup>       | 220 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 47.7 <sup>(4)</sup>   | 50.4 <sup>(4)</sup> | 484 <sup>(4)</sup>        | 502 <sup>(4)</sup>   | 82.8 <sup>(4)</sup> | 85.9 <sup>(4)</sup> | 421 <sup>(4)</sup>       | 430 <sup>(4)</sup>  |
| Xeon E5-2630Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 228 <sup>(3)</sup>        | 237 <sup>(3)</sup>   |                     |                     | 202 <sup>(3)</sup>       | 206 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 43.4 <sup>(4)</sup>   | 45.9 <sup>(4)</sup> | 442 <sup>(4)</sup>        | 459 <sup>(4)</sup>   | 77.1 <sup>(4)</sup> | 80.0 <sup>(4)</sup> | 397 <sup>(4)</sup>       | 405 <sup>(4)</sup>  |
| Xeon E5-2637 v2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 220 <sup>(3)</sup>   |                     |                     | 196 <sup>(3)</sup>       | 201 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 56.1 <sup>(4)</sup>   | 59.2 <sup>(4)</sup> | 411 <sup>(4)</sup>        | 427 <sup>(4)</sup>   | 94.4 <sup>(4)</sup> | 97.8 <sup>(4)</sup> | 383 <sup>(4)</sup>       | 393 <sup>(4)</sup>  |
| Xeon E5-2640 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 268 <sup>(3)</sup>        | 278 <sup>(3)</sup>   |                     |                     | 228 <sup>(3)</sup>       | 233 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 39.8 <sup>(4)</sup>   | 42.6 <sup>(4)</sup> | 520 <sup>(4)</sup>        | 540 <sup>(4)</sup>   | 74.7 <sup>(4)</sup> | 77.6 <sup>(4)</sup> | 448 <sup>(4)</sup>       | 458 <sup>(4)</sup>  |
| Xeon E5-2643 v2<br>3500 MHz<br>6 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 314 <sup>(3)</sup>        | 326 <sup>(3)</sup>   |                     |                     | 263 <sup>(3)</sup>       | 270 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 59.2 <sup>(4)</sup>   | 63.2 <sup>(4)</sup> | 609 <sup>(4)</sup>        | 635 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 105 <sup>(4)</sup>  | 516 <sup>(4)</sup>       | 530 <sup>(4)</sup>  |
| Xeon E5-2650 v2<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 338 <sup>(3)</sup>        | 351 <sup>(3)</sup>   |                     |                     | 276 <sup>(3)</sup>       | 283 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 52.6 <sup>(4)</sup>   | 56.6 <sup>(4)</sup> | 657 <sup>(4)</sup>        | 682 <sup>(4)</sup>   | 95.5 <sup>(4)</sup> | 99.7 <sup>(4)</sup> | 543 <sup>(4)</sup>       | 555 <sup>(4)</sup>  |
| Xeon E5-2650Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 70 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 278 <sup>(3)</sup>        | 289 <sup>(3)</sup>   |                     |                     | 234 <sup>(3)</sup>       | 239 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 34.5 <sup>(4)</sup>   | 36.8 <sup>(4)</sup> | 543 <sup>(4)</sup>        | 563 <sup>(4)</sup>   | 67.0 <sup>(4)</sup> | 69.8 <sup>(4)</sup> | 459 <sup>(4)</sup>       | 469 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

| PRIMERGY RX350 S8                                                                              |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|------------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon(2/2)                                                                                      |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2660 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 368 <sup>(3)</sup>        | 380 <sup>(3)</sup>   |                     |                     | 290 <sup>(3)</sup>       | 298 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 48.0 <sup>(4)</sup>   | 51.9 <sup>(4)</sup> | 715 <sup>(4)</sup>        | 742 <sup>(4)</sup>   | 88.4 <sup>(4)</sup> | 92.6 <sup>(4)</sup> | 571 <sup>(4)</sup>       | 585 <sup>(4)</sup>  |
| Xeon E5-2667 v2<br>3300 MHz<br>8 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 399 <sup>(3)</sup>        | 413 <sup>(3)</sup>   |                     |                     | 302 <sup>(3)</sup>       | 311 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 62.1 <sup>(4)</sup>   | 66.9 <sup>(4)</sup> | 776 <sup>(4)</sup>        | 805 <sup>(4)</sup>   | 109 <sup>(4)</sup>  | 113 <sup>(4)</sup>  | 591 <sup>(4)</sup>       | 608 <sup>(4)</sup>  |
| Xeon E5-2670 v2<br>2500 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 401 <sup>(3)</sup>        | 415 <sup>(3)</sup>   |                     |                     | 306 <sup>(3)</sup>       | 314 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 53.0 <sup>(4)</sup>   | 57.0 <sup>(4)</sup> | 781 <sup>(4)</sup>        | 810 <sup>(4)</sup>   | 94.8 <sup>(4)</sup> | 99.0 <sup>(4)</sup> | 602 <sup>(4)</sup>       | 618 <sup>(4)</sup>  |
| Xeon E5-2680 v2<br>2800 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 422 <sup>(3)</sup>        | 436 <sup>(3)</sup>   |                     |                     | 315 <sup>(3)</sup>       | 324 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 56.9 <sup>(4)</sup>   | 61.7 <sup>(4)</sup> | 824 <sup>(4)</sup>        | 852 <sup>(4)</sup>   | 100 <sup>(4)</sup>  | 105 <sup>(4)</sup>  | 621 <sup>(4)</sup>       | 637 <sup>(4)</sup>  |
| Xeon E5-2690 v2<br>3000 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 442 <sup>(3)</sup>        | 457 <sup>(3)</sup>   |                     |                     | 323 <sup>(3)</sup>       | 332 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 57.5 <sup>(4)</sup>   | 61.9 <sup>(4)</sup> | 862 <sup>(4)</sup>        | 893 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 106 <sup>(4)</sup>  | 638 <sup>(4)</sup>       | 655 <sup>(4)</sup>  |
| Xeon E5-2695 v2<br>2400 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 453 <sup>(3)</sup>        | 468 <sup>(3)</sup>   |                     |                     | 333 <sup>(3)</sup>       | 342 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 50.9 <sup>(4)</sup>   | 54.4 <sup>(4)</sup> | 883 <sup>(4)</sup>        | 913 <sup>(4)</sup>   | 92.0 <sup>(4)</sup> | 96.3 <sup>(4)</sup> | 657 <sup>(4)</sup>       | 675 <sup>(4)</sup>  |
| Xeon E5-2697 v2<br>2700 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 477 <sup>(3)</sup>        | 493 <sup>(3)</sup>   |                     |                     | 343 <sup>(3)</sup>       | 353 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 55.0 <sup>(4)</sup>   | 59.6 <sup>(4)</sup> | 930 <sup>(4)</sup>        | 961 <sup>(4)</sup>   | 97.6 <sup>(4)</sup> | 103 <sup>(4)</sup>  | 678 <sup>(4)</sup>       | 696 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on



| PRIMERGY RX4770 M1                                                                             |       |            | CPU/Memory benchmarks     |                      |                          |                     |
|------------------------------------------------------------------------------------------------|-------|------------|---------------------------|----------------------|--------------------------|---------------------|
|                                                                                                |       |            | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon                                                                                           |       |            |                           |                      |                          |                     |
| Xeon E7-4809 v2<br>1900 MHz<br>6 Cores<br>256 kB SLC per core<br>12288 kB TLC<br>TDP 105 Watt  | 2 CPU | DDR3-SDRAM | 307 <sup>(1)</sup>        | 318 <sup>(1)</sup>   | 291 <sup>(2)</sup>       | 299 <sup>(2)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 612 <sup>(1)</sup>        | 634 <sup>(1)</sup>   | 581 <sup>(2)</sup>       | 597 <sup>(2)</sup>  |
| Xeon E7-4820 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>16384 kB TLC<br>TDP 105 Watt  | 2 CPU | DDR3-SDRAM | 475 <sup>(1)</sup>        | 493 <sup>(1)</sup>   | 423 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 946 <sup>(1)</sup>        | 976 <sup>(1)</sup>   | 839 <sup>(2)</sup>       | 861 <sup>(2)</sup>  |
| Xeon E7-4830 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 105 Watt | 2 CPU | DDR3-SDRAM | 631 <sup>(1)</sup>        | 654 <sup>(1)</sup>   | 530 <sup>(2)</sup>       | 537 <sup>(2)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 1260 <sup>(1)</sup>       | 1300 <sup>(1)</sup>  | 1050 <sup>(2)</sup>      | 1070 <sup>(2)</sup> |
| Xeon E7-4850 v2<br>2300 MHz<br>12 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 105 Watt | 2 CPU | DDR3-SDRAM | 767 <sup>(1)</sup>        | 794 <sup>(1)</sup>   | 618 <sup>(2)</sup>       | 626 <sup>(2)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 1530 <sup>(1)</sup>       | 1580 <sup>(1)</sup>  | 1230 <sup>(2)</sup>      | 1240 <sup>(2)</sup> |
| Xeon E7-4870 v2<br>2300 MHz<br>15 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 2 CPU | DDR3-SDRAM | 995 <sup>(3)</sup>        |                      | 775 <sup>(3)</sup>       |                     |
|                                                                                                | 4 CPU | DDR3-SDRAM | 1980 <sup>(3)</sup>       |                      | 1540 <sup>(3)</sup>      |                     |
| Xeon E7-4880 v2<br>2500 MHz<br>15 Cores<br>256 kB SLC per core<br>38400 kB TLC<br>TDP 130 Watt | 2 CPU | DDR3-SDRAM | 1070 <sup>(4)</sup>       | 1100 <sup>(4)</sup>  | 808 <sup>(5)</sup>       | 828 <sup>(5)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 2110 <sup>(4)</sup>       | 2180 <sup>(4)</sup>  | 1600 <sup>(5)</sup>      | 1640 <sup>(5)</sup> |
| Xeon E7-4890 v2<br>2800 MHz<br>15 Cores<br>256 kB SLC per core<br>38400 kB TLC<br>TDP 155 Watt | 2 CPU | DDR3-SDRAM | 1150 <sup>(4)</sup>       | 1190 <sup>(4)</sup>  | 860 <sup>(5)</sup>       | 881 <sup>(5)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 2300 <sup>(4)</sup>       | 2370 <sup>(4)</sup>  | 1690 <sup>(5)</sup>      | 1730 <sup>(5)</sup> |
| Xeon E7-8857 v2<br>3000 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 2 CPU | DDR3-SDRAM | 854 <sup>(6)</sup>        | 879 <sup>(6)</sup>   | 720 <sup>(7)</sup>       | 733 <sup>(7)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 1690 <sup>(6)</sup>       | 1740 <sup>(6)</sup>  | 1430 <sup>(7)</sup>      | 1460 <sup>(7)</sup> |
| Xeon E7-8893 v2<br>3400 MHz<br>6 Cores<br>256 kB SLC per core<br>38400 kB TLC<br>TDP 155 Watt  | 2 CPU | DDR3-SDRAM | 576 <sup>(4)</sup>        | 599 <sup>(4)</sup>   | 511 <sup>(5)</sup>       | 527 <sup>(5)</sup>  |
|                                                                                                | 4 CPU | DDR3-SDRAM | 1150 <sup>(4)</sup>       | 1190 <sup>(4)</sup>  | 1020 <sup>(5)</sup>      | 1050 <sup>(5)</sup> |

<sup>(1)</sup> Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(2)</sup> Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(3)</sup> Calculated for hyperthreading on

<sup>(4)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(5)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(6)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

<sup>(7)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX4770 M2

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 427    | *1     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECint_rate2006      | 441    | *1     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 398    | *2     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 412    | *2     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 850    | *3     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECint_rate2006      | 881    | *3     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 792    | *4     |
| E7-8893 v3 | 4            | 3200      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECfp_rate2006       | 823    | *4     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 488    | *1     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 2     | SPECint_rate2006      | 500    | *1     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 435    | *2     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 2     | SPECfp_rate2006       | 445    | *2     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 972    | *3     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 4     | SPECint_rate2006      | 1000   | *3     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 866    | *4     |
| E7-4809 v3 | 8            | 2000      | 256 | 20480 | 115 | on              | DDR4X    | 4     | SPECfp_rate2006       | 889    | *4     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 578    | *3     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 2     | SPECint_rate2006      | 596    | *3     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 504    | *4     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 2     | SPECfp_rate2006       | 516    | *4     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 1150   | *3     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 4     | SPECint_rate2006      | 1190   | *3     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1000   | *4     |
| E7-4820 v3 | 10           | 1900      | 256 | 25600 | 115 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1030   | *4     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 950    | *1     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate2006      | 975    | *1     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 764    | *2     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate2006       | 785    | *2     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 1890   | *3     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate2006      | 1950   | *3     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1520   | *4     |
| E7-8891 v3 | 10           | 2800      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1570   | *4     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 840    | *3     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 2     | SPECint_rate2006      | 867    | *3     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 674    | *4     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 2     | SPECfp_rate2006       | 694    | *4     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 1670   | *3     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 4     | SPECint_rate2006      | 1720   | *3     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1330   | *4     |
| E7-4830 v3 | 12           | 2100      | 256 | 30720 | 115 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1370   | *4     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 985    | *1     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 2     | SPECint_rate2006      | 1010   | *1     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 744    | *2     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 2     | SPECfp_rate2006       | 760    | *2     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 1960   | *3     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 4     | SPECint_rate2006      | 2020   | *3     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1480   | *4     |
| E7-4850 v3 | 14           | 2200      | 256 | 35840 | 115 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1520   | *4     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1170   | *1     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 2     | SPECint_rate2006      | 1200   | *1     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 874    | *2     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 895    | *2     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2330   | *3     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 4     | SPECint_rate2006      | 2400   | *3     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1740   | *4     |
| E7-8860 v3 | 16           | 2200      | 256 | 40960 | 140 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1790   | *4     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1240   | *1     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate2006      | 1280   | *1     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 935    | *2     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate2006       | 955    | *2     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2470   | *3     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate2006      | 2550   | *3     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1860   | *4     |
| E7-8867 v3 | 16           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1910   | *4     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECint_rate2006      | 1300   | *1     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 920    | *2     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 2     | SPECfp_rate2006       | 945    | *2     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2510   | *3     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECint_rate2006      | 2590   | *3     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1830   | *4     |
| E7-8870 v3 | 18           | 2100      | 256 | 46080 | 140 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1890   | *4     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1300   | *1     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 2     | SPECint_rate2006      | 1330   | *1     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 930    | *2     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 2     | SPECfp_rate2006       | 955    | *2     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2580   | *3     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 4     | SPECint_rate2006      | 2650   | *3     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1850   | *4     |
| E7-8880 v3 | 18           | 2300      | 256 | 46080 | 150 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1910   | *4     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1360   | *3     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECint_rate2006      | 1410   | *3     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 980    | *4     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1010   | *4     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2700   | *3     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECint_rate2006      | 2780   | *3     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1930   | *4     |
| E7-8890 v3 | 18           | 2500      | 256 | 46080 | 165 | on              | DDR4X    | 4     | SPECfp_rate2006       | 1980   | *4     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1  
\*3 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6  
\*4 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX4770 M3

2016/10/28現在

| CPU Number | # Cores<br>/CPU | CPU<br>Speed | SLC | TLC   | TDP | Hyper<br>Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|-----------------|--------------|-----|-------|-----|--------------------|----------|-------|-----------------------|--------|--------|
| E7-8893 v4 | 4               | 3200         | 256 | 61440 | 140 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 944    | *1     |
| E7-8893 v4 | 4               | 3200         | 256 | 61440 | 140 | on                 | DDR4X    | 4     | SPECint_rate2006      | 1000   | *1     |
| E7-8893 v4 | 4               | 3200         | 256 | 61440 | 140 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 827    | *2     |
| E7-8893 v4 | 4               | 3200         | 256 | 61440 | 140 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 844    | *2     |
| E7-4809 v4 | 8               | 2100         | 256 | 20480 | 115 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 1100   | *1     |
| E7-4809 v4 | 8               | 2100         | 256 | 20480 | 115 | on                 | DDR4X    | 4     | SPECint_rate2006      | 1160   | *1     |
| E7-4809 v4 | 8               | 2100         | 256 | 20480 | 115 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 982    | *2     |
| E7-4809 v4 | 8               | 2100         | 256 | 20480 | 115 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 1000   | *2     |
| E7-4820 v4 | 10              | 2000         | 256 | 25600 | 115 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 1240   | *1     |
| E7-4820 v4 | 10              | 2000         | 256 | 25600 | 115 | on                 | DDR4X    | 4     | SPECint_rate2006      | 1290   | *1     |
| E7-4820 v4 | 10              | 2000         | 256 | 25600 | 115 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 1150   | *2     |
| E7-4820 v4 | 10              | 2000         | 256 | 25600 | 115 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 1170   | *2     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint_base2006      | 69.8   | *1     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint2006           | 71.9   | *1     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 2140   | *1     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint_rate2006      | 2250   | *1     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp_base2006       | 125    | *2     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp2006            | 132    | *2     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 1680   | *2     |
| E7-8891 v4 | 10              | 2800         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 1710   | *2     |
| E7-4830 v4 | 14              | 2000         | 256 | 35840 | 115 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 1950   | *1     |
| E7-4830 v4 | 14              | 2000         | 256 | 35840 | 115 | on                 | DDR4X    | 4     | SPECint_rate2006      | 2040   | *1     |
| E7-4830 v4 | 14              | 2000         | 256 | 35840 | 115 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 1550   | *2     |
| E7-4830 v4 | 14              | 2000         | 256 | 35840 | 115 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 1580   | *2     |
| E7-4850 v4 | 16              | 2100         | 256 | 40960 | 115 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 2330   | *1     |
| E7-4850 v4 | 16              | 2100         | 256 | 40960 | 115 | on                 | DDR4X    | 4     | SPECint_rate2006      | 2440   | *1     |
| E7-4850 v4 | 16              | 2100         | 256 | 40960 | 115 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 1740   | *2     |
| E7-4850 v4 | 16              | 2100         | 256 | 40960 | 115 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 1780   | *2     |
| E7-8860 v4 | 18              | 2200         | 256 | 46080 | 140 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 2870   | *1     |
| E7-8860 v4 | 18              | 2200         | 256 | 46080 | 140 | on                 | DDR4X    | 4     | SPECint_rate2006      | 2990   | *1     |
| E7-8860 v4 | 18              | 2200         | 256 | 46080 | 140 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 2080   | *2     |
| E7-8860 v4 | 18              | 2200         | 256 | 46080 | 140 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 2130   | *2     |
| E7-8867 v4 | 18              | 2400         | 256 | 46080 | 165 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 2950   | *1     |
| E7-8867 v4 | 18              | 2400         | 256 | 46080 | 165 | on                 | DDR4X    | 4     | SPECint_rate2006      | 3080   | *1     |
| E7-8867 v4 | 18              | 2400         | 256 | 46080 | 165 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 2130   | *2     |
| E7-8867 v4 | 18              | 2400         | 256 | 46080 | 165 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 2180   | *2     |
| E7-8870 v4 | 20              | 2100         | 256 | 51200 | 140 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 3070   | *1     |
| E7-8870 v4 | 20              | 2100         | 256 | 51200 | 140 | on                 | DDR4X    | 4     | SPECint_rate2006      | 3200   | *1     |
| E7-8870 v4 | 20              | 2100         | 256 | 51200 | 140 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 2170   | *2     |
| E7-8870 v4 | 20              | 2100         | 256 | 51200 | 140 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 2230   | *2     |
| E7-8880 v4 | 22              | 2200         | 256 | 56320 | 150 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 3320   | *1     |
| E7-8880 v4 | 22              | 2200         | 256 | 56320 | 150 | on                 | DDR4X    | 4     | SPECint_rate2006      | 3450   | *1     |
| E7-8880 v4 | 22              | 2200         | 256 | 56320 | 150 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 2260   | *2     |
| E7-8880 v4 | 22              | 2200         | 256 | 56320 | 150 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 2320   | *2     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 2     | SPECint_rate_base2006 | 1660   | *1     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 2     | SPECint_rate2006      | 1760   | *1     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 2     | SPECfp_rate_base2006  | 994    | *2     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 2     | SPECfp_rate2006       | 1040   | *2     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint_rate_base2006 | 3570   | *1     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECint_rate2006      | 3710   | *1     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp_rate_base2006  | 2360   | *2     |
| E7-8890 v4 | 24              | 2200         | 256 | 61440 | 165 | on                 | DDR4X    | 4     | SPECfp_rate2006       | 2430   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; SUSE Linux Enterprise Server 12 SP1 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux; SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY RX4770 M4

2019/2/26現在

| CPU Number     | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|----------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2180   | *2     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 1920   | *1     |
| Platinum 8158  | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2976   | *2     |
| Platinum 8158  | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 2430   | *3     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 3516   | *2     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 2677   | *1     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 2817   | *2     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 2320   | *1     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 3619   | *2     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 2737   | *1     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 3639   | *2     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 2756   | *1     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 4462   | *2     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3094   | *1     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 4462   | *2     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3094   | *1     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 4565   | *2     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3153   | *1     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 4540   | *2     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3232   | *1     |
| Platinum 8176  | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 5017   | *2     |
| Platinum 8176  | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3332   | *1     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 5017   | *2     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3332   | *1     |
| Platinum 8180  | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 5490   | *4     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 4     | SPECint_rate_base2006 | 5490   | *2     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 4     | SPECfp_rate_base2006  | 3510   | *1     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux; Fortran: Version 18.0.0.128 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 Measurement taken with C/C++: Version 18.0.1.163 of Intel C/C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 4.4.21-69-default

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|                                                                                            |          |                | CPU/Memory benchmarks |                 |                           |                      |                     |                |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|-----------------|---------------------------|----------------------|---------------------|----------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006 | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006 | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| PRIMERGY RX500 S7, Xeon                                                                    |          |                |                       |                 |                           |                      |                     |                |                          |                     |
| Xeon E5-4603<br>2000 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 95 Watt  | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 222 (1)                   | 233 (1)              |                     |                | 207 (1)                  | 213 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 29.7 (2)              | 31.3 (2)        | 440 (1)                   | 460 (1)              | 50.1 (2)            | 52.3 (2)       | 392 (1)                  | 399 (1)             |
| Xeon E5-4607<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>12288 kB TLC<br>TDP 95 Watt  | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 344 (1)                   | 358 (1)              |                     |                | 284 (1)                  | 290 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 32.7 (2)              | 34.4 (2)        | 686 (1)                   | 715 (1)              | 54.4 (2)            | 56.8 (2)       | 560 (1)                  | 571 (1)             |
| Xeon E5-4610<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 428 (1)                   | 447 (1)              |                     |                | 352 (1)                  | 360 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 42.4 (2)              | 45.2 (2)        | 849 (1)                   | 886 (1)              | 68.1 (2)            | 71.5 (2)       | 684 (1)                  | 698 (1)             |
| Xeon E5-4617<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 419 (3)                   | 435 (3)              |                     |                | 382 (3)                  | 389 (3)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 49.1 (3)              | 52.3 (3)        | 831 (3)                   | 863 (3)              | 76.0 (3)            | 80.0 (3)       | 731 (3)                  | 750 (3)             |
| Xeon E5-4620<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>16384 kB TLC<br>TDP 95 Watt  | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 472 (1)                   | 491 (1)              |                     |                | 367 (1)                  | 376 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 39.6 (2)              | 42.4 (2)        | 941 (1)                   | 980 (1)              | 60.4 (2)            | 63.5 (2)       | 720 (1)                  | 737 (1)             |
| Xeon E5-4640<br>2400 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 527 (1)                   | 549 (1)              |                     |                | 407 (1)                  | 417 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 42.3 (2)              | 45.4 (2)        | 1050 (1)                  | 1090 (1)             | 65.9 (2)            | 69.3 (2)       | 801 (1)                  | 819 (1)             |
| Xeon E5-4650<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 2<br>CPU | DDR3-<br>SDRAM |                       |                 | 597 (1)                   | 623 (1)              |                     |                | 445 (1)                  | 458 (1)             |
|                                                                                            | 4<br>CPU | DDR3-<br>SDRAM | 50.3 (2)              | 54.1 (2)        | 1180 (1)                  | 1230 (1)             | 75.6 (2)            | 79.5 (2)       | 867 (1)                  | 889 (1)             |

(1) Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on  
(2) Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off  
(3) Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

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|                                                                                             |       |                      | CPU/Memory benchmarks |                     |                      |                    |
|---------------------------------------------------------------------------------------------|-------|----------------------|-----------------------|---------------------|----------------------|--------------------|
|                                                                                             |       |                      | SPECint_rate_base2006 | SPECint_rate2006    | SPECfp_rate_base2006 | SPECfp_rate2006    |
| <b>PRIMERGY RX600 S6, Xeon</b>                                                              |       |                      |                       |                     |                      |                    |
| Xeon E7-2803<br>1733 MHz<br>6 Cores<br>256 kB SLC per core<br>18432 kB TLC<br>TDP 105 Watt  | 2 CPU | 256 GB<br>DDR3-SDRAM | 219 <sup>(1)</sup>    | 237 <sup>(1)</sup>  | 178 <sup>(1)</sup>   | 188 <sup>(1)</sup> |
| Xeon E7-2850<br>2000 MHz<br>10 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 130 Watt | 2 CPU | 256 GB<br>DDR3-SDRAM | 427 <sup>(1)</sup>    | 459 <sup>(1)</sup>  | 307 <sup>(1)</sup>   | 318 <sup>(1)</sup> |
| Xeon E7-4807<br>1867 MHz<br>6 Cores<br>256 kB SLC per core<br>18432 kB TLC<br>TDP 95 Watt   | 4 CPU | 512 GB<br>DDR3-SDRAM | 462 <sup>(1)</sup>    | 499 <sup>(1)</sup>  | 373 <sup>(1)</sup>   | 394 <sup>(1)</sup> |
| Xeon E7-4820<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>18432 kB TLC<br>TDP 105 Watt  | 4 CPU | 512 GB<br>DDR3-SDRAM | 685 <sup>(1)</sup>    | 737 <sup>(1)</sup>  | 527 <sup>(1)</sup>   | 551 <sup>(1)</sup> |
| Xeon E7-4830<br>2133 MHz<br>8 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 105 Watt  | 4 CPU | 512 GB<br>DDR3-SDRAM | 737 <sup>(1)</sup>    | 794 <sup>(1)</sup>  | 554 <sup>(1)</sup>   | 579 <sup>(1)</sup> |
| Xeon E7-4850<br>2000 MHz<br>10 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 130 Watt | 4 CPU | 512 GB<br>DDR3-SDRAM | 851 <sup>(1)</sup>    | 913 <sup>(1)</sup>  | 610 <sup>(1)</sup>   | 634 <sup>(1)</sup> |
| Xeon E7-4860<br>2267 MHz<br>10 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 130 Watt | 4 CPU | 512 GB<br>DDR3-SDRAM | 949 <sup>(1)</sup>    | 1020 <sup>(1)</sup> | 692 <sup>(1)</sup>   | 720 <sup>(1)</sup> |
| Xeon E7-4870<br>2400 MHz<br>10 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 4 CPU | 256 GB<br>DDR3-SDRAM | 1030 <sup>(1)</sup>   | 1110 <sup>(1)</sup> | 724 <sup>(1)</sup>   | 752 <sup>(1)</sup> |
|                                                                                             |       | 512 GB<br>DDR3-SDRAM |                       |                     |                      |                    |
| Xeon E7-8837<br>2667 MHz<br>8 Cores<br>256 kB SLC per core<br>24576 kB TLC<br>TDP 130 Watt  | 4 CPU | 512 GB<br>DDR3-SDRAM | 742 <sup>(2)</sup>    | 789 <sup>(2)</sup>  | 591 <sup>(2)</sup>   | 637 <sup>(2)</sup> |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading on

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64)

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|                                                                                            |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| PRIMERGY TX100 S3 [2012年5月以降発表モデル], Celeron / Pentium / Core / Xeon                        |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Celeron G550<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>2048 kB TLC<br>TDP 65 Watt   | 1<br>CPU | DDR3-SDRAM | 31.4 <sup>(1)</sup>   | 33.0 <sup>(1)</sup> | 56.2 <sup>(1)</sup>       | 58.5 <sup>(1)</sup>  | 37.1 <sup>(1)</sup> | 37.8 <sup>(1)</sup> | 56.1 <sup>(1)</sup>      | 57.2 <sup>(1)</sup> |
| Pentium G640<br>2800 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt   | 1<br>CPU | DDR3-SDRAM | 34.5 <sup>(1)</sup>   | 36.3 <sup>(1)</sup> | 61.9 <sup>(1)</sup>       | 64.6 <sup>(1)</sup>  | 40.0 <sup>(1)</sup> | 40.8 <sup>(1)</sup> | 60.0 <sup>(1)</sup>      | 61.2 <sup>(1)</sup> |
| Core i3-3220<br>3300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt   | 1<br>CPU | DDR3-SDRAM | 42.3 <sup>(2)</sup>   | 44.6 <sup>(2)</sup> | 91.9 <sup>(3)</sup>       | 96.6 <sup>(3)</sup>  | 53.8 <sup>(2)</sup> | 55.0 <sup>(2)</sup> | 84.4 <sup>(3)</sup>      | 87.4 <sup>(3)</sup> |
| Xeon E3-1220V2<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt | 1<br>CPU | DDR3-SDRAM | 48.7 <sup>(1)</sup>   | 51.7 <sup>(1)</sup> | 152 <sup>(1)</sup>        | 158 <sup>(1)</sup>   | 64.8 <sup>(1)</sup> | 66.7 <sup>(1)</sup> | 124 <sup>(1)</sup>       | 128 <sup>(1)</sup>  |
| Xeon E3-1230V2<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt | 1<br>CPU | DDR3-SDRAM | 51.0 <sup>(2)</sup>   | 54.2 <sup>(2)</sup> | 184 <sup>(3)</sup>        | 192 <sup>(3)</sup>   | 67.2 <sup>(2)</sup> | 69.2 <sup>(2)</sup> | 133 <sup>(3)</sup>       | 137 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off  
<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

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|                                                                                                    |          |                        | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|----------------------------------------------------------------------------------------------------|----------|------------------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                    |          |                        | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX100 S3 [2011年10月発表モデル] , Celeron / Pentium Dual-Core / Core / Xeon</b>               |          |                        |                       |                     |                           |                      |                     |                     |                          |                     |
| Celeron G530<br>2400 MHz<br>2 Cores<br>256 kB SLC per core<br>2048 kB TLC<br>TDP 65 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM | 27.9 <sup>(1)</sup>   | 29.0 <sup>(1)</sup> | 48.2 <sup>(1)</sup>       | 51.0 <sup>(1)</sup>  | 34.1 <sup>(1)</sup> | 35.3 <sup>(1)</sup> | 50.4 <sup>(1)</sup>      | 51.8 <sup>(1)</sup> |
| Pentium Dual-Core G620<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM | 30.6 <sup>(1)</sup>   | 31.9 <sup>(1)</sup> | 53.2 <sup>(1)</sup>       | 55.3 <sup>(1)</sup>  | 36.8 <sup>(1)</sup> | 38.1 <sup>(1)</sup> | 54.3 <sup>(1)</sup>      | 55.0 <sup>(1)</sup> |
| Core i3-2100<br>3100 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM | 36.3 <sup>(2)</sup>   | 37.8 <sup>(2)</sup> | 75.2 <sup>(3)</sup>       | 78.2 <sup>(3)</sup>  | 45.5 <sup>(2)</sup> | 47.2 <sup>(2)</sup> | 73.1 <sup>(3)</sup>      | 74.5 <sup>(3)</sup> |
| Xeon E3-1220<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM | 42.4 <sup>(1)</sup>   | 44.5 <sup>(1)</sup> | 126 <sup>(1)</sup>        | 131 <sup>(1)</sup>   | 54.1 <sup>(1)</sup> | 56.3 <sup>(1)</sup> | 105 <sup>(1)</sup>       | 107 <sup>(1)</sup>  |
| Xeon E3-1240<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM | 45.4 <sup>(2)</sup>   | 47.9 <sup>(2)</sup> | 154 <sup>(3)</sup>        | 160 <sup>(3)</sup>   | 56.8 <sup>(2)</sup> | 59.3 <sup>(2)</sup> | 115 <sup>(3)</sup>       | 119 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64)

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading on



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|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX120 S3 [2012年5月以降発表モデル], Pentium / Core / Xeon</b>                            |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G640<br>2800 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 34.3 <sup>(1)</sup>   | 36.0 <sup>(1)</sup> | 61.6 <sup>(1)</sup>       | 64.0 <sup>(1)</sup>  | 39.9 <sup>(1)</sup> | 40.6 <sup>(1)</sup> | 59.5 <sup>(1)</sup>      | 60.8 <sup>(1)</sup> |
| Core i3-3220<br>3300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 42.0 <sup>(2)</sup>   | 44.3 <sup>(2)</sup> | 91.4 <sup>(3)</sup>       | 95.8 <sup>(3)</sup>  | 53.3 <sup>(2)</sup> | 54.5 <sup>(2)</sup> | 83.8 <sup>(3)</sup>      | 86.6 <sup>(3)</sup> |
| Xeon E3-1220LV2<br>2300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 17 Watt | 1<br>CPU | DDR3-SDRAM | 43.7 <sup>(2)</sup>   | 46.6 <sup>(2)</sup> | 87.3 <sup>(3)</sup>       | 91.6 <sup>(3)</sup>  | 53.9 <sup>(2)</sup> | 55.4 <sup>(2)</sup> | 80.0 <sup>(3)</sup>      | 82.1 <sup>(3)</sup> |
| Xeon E3-1220V2<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 48.6 <sup>(1)</sup>   | 51.7 <sup>(1)</sup> | 152 <sup>(1)</sup>        | 159 <sup>(1)</sup>   | 64.8 <sup>(1)</sup> | 66.7 <sup>(1)</sup> | 125 <sup>(1)</sup>       | 129 <sup>(1)</sup>  |
| Xeon E3-1230V2<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 51.1 <sup>(2)</sup>   | 54.3 <sup>(2)</sup> | 184 <sup>(3)</sup>        | 192 <sup>(3)</sup>   | 67.3 <sup>(2)</sup> | 69.2 <sup>(2)</sup> | 133 <sup>(3)</sup>       | 137 <sup>(3)</sup>  |
| Xeon E3-1265LV2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 48.0 <sup>(2)</sup>   | 51.4 <sup>(2)</sup> | 169 <sup>(3)</sup>        | 176 <sup>(3)</sup>   | 63.6 <sup>(2)</sup> | 65.8 <sup>(2)</sup> | 126 <sup>(3)</sup>       | 130 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

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|----------------------------------------------------------------------------------------------------|----------|-------------------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                    |          |                         | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX120 S3 [2011年6月発表モデル] , Pentium Dual-Core / Core / Xeon</b>                          |          |                         |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium Dual-Core G620<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 30.6 <sup>(1)</sup>   | 31.9 <sup>(1)</sup> | 53.2 <sup>(1)</sup>       | 55.4 <sup>(1)</sup>  | 36.8 <sup>(1)</sup> | 38.1 <sup>(1)</sup> | 54.3 <sup>(1)</sup>      | 55.1 <sup>(1)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Core i3-2100<br>3100 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 36.3 <sup>(2)</sup>   | 37.9 <sup>(2)</sup> | 75.1 <sup>(3)</sup>       | 78.1 <sup>(3)</sup>  | 45.5 <sup>(2)</sup> | 47.2 <sup>(2)</sup> | 73.1 <sup>(3)</sup>      | 74.5 <sup>(3)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1220<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 42.4 <sup>(1)</sup>   | 44.5 <sup>(1)</sup> | 126 <sup>(1)</sup>        | 131 <sup>(1)</sup>   | 54.1 <sup>(1)</sup> | 56.5 <sup>(1)</sup> | 106 <sup>(1)</sup>       | 107 <sup>(1)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1220L<br>2200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 20 Watt          | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 37.4 <sup>(2)</sup>   | 40.0 <sup>(2)</sup> | 62.6 <sup>(3)</sup>       | 65.8 <sup>(3)</sup>  | 43.6 <sup>(2)</sup> | 46.2 <sup>(2)</sup> | 62.5 <sup>(3)</sup>      | 64.0 <sup>(3)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1240<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 45.4 <sup>(2)</sup>   | 47.9 <sup>(2)</sup> | 154 <sup>(3)</sup>        | 160 <sup>(3)</sup>   | 56.8 <sup>(2)</sup> | 59.5 <sup>(2)</sup> | 115 <sup>(3)</sup>       | 118 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E3-1260L<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt          | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 39.7 <sup>(2)</sup>   | 42.9 <sup>(2)</sup> | 123 <sup>(3)</sup>        | 128 <sup>(3)</sup>   | 49.8 <sup>(2)</sup> | 53.2 <sup>(2)</sup> | 101 <sup>(3)</sup>       | 103 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                          |                     |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64)

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX1310 M1

2015/2/19現在

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_base2006      | 37     | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint2006           | 38.6   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 66.8   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 69.2   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_base2006       | 46.8   | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp2006            | 47.3   | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 68     | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 69.2   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_base2006      | 44.4   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint2006           | 46.5   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 79.2   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 82.1   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_base2006       | 53.6   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp2006            | 54.3   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 76.7   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 78.1   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 111    | *1     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECint_rate2006      | 115    | *1     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_base2006       | 63.2   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp2006            | 64.3   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 98.3   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_rate2006       | 101    | *2     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECint_base2006      | 57.3   | *1     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECint2006           | 59.7   | *1     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 175    | *1     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 183    | *1     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECfp_base2006       | 71.7   | *2     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECfp2006            | 73.1   | *2     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 139    | *2     |
| E3-1226 v3 | 4            | 3300      | 256 | 8192 | 84  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 143    | *2     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECint_base2006      | 59.8   | *1     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECint2006           | 62.3   | *1     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 213    | *1     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECint_rate2006      | 220    | *1     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECfp_base2006       | 74.2   | *2     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECfp2006            | 75.6   | *2     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 147    | *2     |
| E3-1246 v3 | 4            | 3500      | 256 | 8192 | 84  | on              | DDR3X    | 1     | SPECfp_rate2006       | 152    | *2     |

\*1 measurment taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*2 measurment taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux; Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX1310 M3

2017/6/8現在

| CPU Number | # Cores<br>/CPU | CPU<br>Speed | SLC | TLC  | TDP | Hyper<br>threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|-----------------|--------------|-----|------|-----|--------------------|----------|-------|-----------------------|--------|--------|
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECint_rate_base2006 | 208    | *1     |
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECint_rate2006      | 215    | *1     |
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECfp_base2006       | 95.1   | *2     |
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECfp2006            | 96.3   | *2     |
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECfp_rate_base2006  | 186    | *2     |
| E3-1225 v6 | 4               | 3300         | 256 | 8192 | 73  | n/a                | DDR4X    | 1     | SPECfp_rate2006       | 189    | *2     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | off                | DDR4X    | 1     | SPECint_base2006      | 72.4   | *1     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | off                | DDR4X    | 1     | SPECint2006           | 74.8   | *1     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | on                 | DDR4X    | 1     | SPECint_rate_base2006 | 263    | *1     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | on                 | DDR4X    | 1     | SPECint_rate2006      | 273    | *1     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | off                | DDR4X    | 1     | SPECfp_base2006       | 102    | *2     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | off                | DDR4X    | 1     | SPECfp2006            | 103    | *2     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | on                 | DDR4X    | 1     | SPECfp_rate_base2006  | 203    | *2     |
| E3-1245 v6 | 4               | 3700         | 256 | 8192 | 73  | on                 | DDR4X    | 1     | SPECfp_rate2006       | 207    | *2     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECint_rate_base2006 | 83.4   | *3     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECint_rate2006      | 85.4   | *3     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECfp_base2006       | 62.1   | *4     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECfp2006            | 63.2   | *4     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECfp_rate_base2006  | 91.3   | *4     |
| G3930      | 2               | 2900         | 256 | 2048 | 51  | n/a                | DDR4X    | 1     | SPECfp_rate2006       | 92.3   | *4     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | on                 | DDR4X    | 1     | SPECint_rate_base2006 | 123    | *3     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | on                 | DDR4X    | 1     | SPECint_rate2006      | 126    | *3     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | off                | DDR4X    | 1     | SPECfp_base2006       | 74.6   | *4     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | off                | DDR4X    | 1     | SPECfp2006            | 76.1   | *4     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | on                 | DDR4X    | 1     | SPECfp_rate_base2006  | 120    | *4     |
| G4560      | 2               | 3500         | 256 | 3072 | 54  | on                 | DDR4X    | 1     | SPECfp_rate2006       | 121    | *4     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | on                 | DDR4X    | 1     | SPECint_rate_base2006 | 140    | *3     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | on                 | DDR4X    | 1     | SPECint_rate2006      | 145    | *3     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | off                | DDR4X    | 1     | SPECfp_base2006       | 90.8   | *4     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | off                | DDR4X    | 1     | SPECfp2006            | 93     | *4     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | on                 | DDR4X    | 1     | SPECfp_rate_base2006  | 140    | *4     |
| i3-7100    | 2               | 3900         | 256 | 3072 | 51  | on                 | DDR4X    | 1     | SPECfp_rate2006       | 143    | *4     |

\*1 Measurement taken with C/C++; Version 17.0.0.098 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Measurement taken with C/C++; Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 measured on PRIMERGY TX1320 M3. Calculated for C/C++; Version 17.0.0.098 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 measured on PRIMERGY TX1320 M3. Calculated for C/C++; Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX1320 M1

2015/2/19現在

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_base2006      | 36.9   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint2006           | 38.6   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 66.5   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 69.2   | *1     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_base2006       | 46.8   | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp2006            | 47.3   | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 67.7   | *2     |
| G1820      | 2            | 2700      | 256 | 2048 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 68.9   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_base2006      | 44.4   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint2006           | 46.5   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 79.2   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 82.4   | *1     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_base2006       | 53.6   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp2006            | 54.3   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 76.4   | *2     |
| G3420      | 2            | 3200      | 256 | 3072 | 54  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 77.8   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 111    | *1     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECint_rate2006      | 115    | *1     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_base2006       | 63.2   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp2006            | 64.3   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 98.3   | *2     |
| i3-4330    | 2            | 3500      | 256 | 4096 | 54  | on              | DDR3X    | 1     | SPECfp_rate2006       | 101    | *2     |
| E3-1220 v3 | 4            | 3100      | 256 | 8192 | 80  | n/a             | DDR3X    | 1     | SPECint_rate_base2006 | 169    | *1     |
| E3-1220 v3 | 4            | 3100      | 256 | 8192 | 80  | n/a             | DDR3X    | 1     | SPECint_rate2006      | 176    | *1     |
| E3-1220 v3 | 4            | 3100      | 256 | 8192 | 80  | n/a             | DDR3X    | 1     | SPECfp_rate_base2006  | 136    | *2     |
| E3-1220 v3 | 4            | 3100      | 256 | 8192 | 80  | n/a             | DDR3X    | 1     | SPECfp_rate2006       | 139    | *2     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_base2006      | 58.3   | *1     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint2006           | 60.7   | *1     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 207    | *1     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate2006      | 214    | *1     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_base2006       | 72.9   | *2     |
| E3-1231 v3 | 4            | 3400      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp2006            | 74.2   | *2     |
| E3-1240Lv3 | 4            | 2000      | 256 | 8192 | 25  | on              | DDR3X    | 1     | SPECfp_base2006       | 61.6   | *2     |
| E3-1240Lv3 | 4            | 2000      | 256 | 8192 | 25  | on              | DDR3X    | 1     | SPECfp2006            | 62.7   | *2     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_base2006      | 59.6   | *1     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint2006           | 62.2   | *1     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 211    | *1     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate2006      | 218    | *1     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_base2006       | 74.1   | *2     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp2006            | 75.5   | *2     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 147    | *2     |
| E3-1241 v3 | 4            | 3500      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_rate2006       | 152    | *2     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_base2006      | 60.8   | *1     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint2006           | 63.3   | *1     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 215    | *1     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECint_rate2006      | 223    | *1     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_base2006       | 75.5   | *2     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp2006            | 76.9   | *2     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 149    | *2     |
| E3-1271 v3 | 4            | 3600      | 256 | 8192 | 80  | on              | DDR3X    | 1     | SPECfp_rate2006       | 155    | *2     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECint_base2006      | 58.5   | *1     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECint2006           | 61.3   | *1     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 197    | *1     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECint_rate2006      | 203    | *1     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECfp_base2006       | 71.4   | *2     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECfp2006            | 73.6   | *2     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECfp_rate_base2006  | 139    | *2     |
| E3-1275Lv3 | 4            | 2700      | 256 | 8192 | 45  | on              | DDR3X    | 1     | SPECfp_rate2006       | 144    | *2     |
| E3-1281 v3 | 4            | 3700      | 256 | 8192 | 82  | on              | DDR3X    | 1     | SPECint_rate_base2006 | 220    | *1     |
| E3-1281 v3 | 4            | 3700      | 256 | 8192 | 82  | on              | DDR3X    | 1     | SPECint_rate2006      | 227    | *1     |

\*1 measurment taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*2 measurment taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux; Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

PRIMERGY 性能情報  
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PRIMERGY TX1320 M2

| CPU NUmber  | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_base2006      | 44.4   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint2006           | 45.9   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 80.8   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 83.5   | *1     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 61     | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp2006            | 61.6   | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 90.9   | *2     |
| G3900       | 2            | 2800      | 256 | 2048 | 65  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 91.7   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_base2006      | 52.8   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint2006           | 54.5   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 95.9   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 99.3   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 70.4   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp2006            | 71.1   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 105    | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 106    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_base2006      | 61.9   | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint2006           | 64     | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 133    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 139    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_base2006       | 85.4   | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp2006            | 86.8   | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 131    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 134    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_base2006      | 65     | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint2006           | 67.2   | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 196    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 202    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 90.5   | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp2006            | 92.4   | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 174    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 177    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 69.5   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 71.8   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 244    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 254    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 95.1   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 97.1   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 188    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 192    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 71.1   | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 73.4   | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 249    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 258    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 96.5   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 98.5   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 189    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 194    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_base2006      | 59.7   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint2006           | 61.6   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 198    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate2006      | 206    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_base2006       | 84.1   | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp2006            | 86.2   | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 164    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate2006       | 168    | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_base2006      | 70.4   | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint2006           | 73.3   | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 239    | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECint_rate2006      | 248    | *1     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_base2006       | 95.4   | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp2006            | 97.6   | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 182    | *2     |
| E3-1260L v5 | 4            | 2900      | 256 | 8192 | 45  | on              | DDR4X    | 1     | SPECfp_rate2006       | 187    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 72.7   | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 75.3   | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 253    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 262    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 98.2   | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 100    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 191    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 196    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 72.4   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 74.9   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 249    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 259    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 97.5   | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 99.8   | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 189    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 194    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)

PRIMERGY 性能情報  
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PRIMERGY TX1320 M3

| 2017/5/23現在 |              |           |     |      |     |                 |          |       |                       |        |        |  |
|-------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|--|
| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 83.5   | *1     |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 86.5   | *1     |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 63.2   | *2     |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp2006            | 63.7   | *2     |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 82.8   | *2     |  |
| G3930       | 2            | 2900      | 256 | 2048 | 51  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 83.8   | *2     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 123    | *1     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint_rate2006      | 128    | *1     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp_base2006       | 76     | *2     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp2006            | 76.7   | *2     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 122    | *2     |  |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp_rate2006       | 123    | *2     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 140    | *1     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint_rate2006      | 147    | *1     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp_base2006       | 92.4   | *2     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp2006            | 93.7   | *2     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 142    | *2     |  |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp_rate2006       | 145    | *2     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 199    | *3     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 208    | *3     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 93.3   | *4     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp2006            | 93.6   | *4     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 184    | *4     |  |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 187    | *4     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 208    | *3     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 218    | *3     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 96.8   | *4     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp2006            | 97     | *4     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 189    | *4     |  |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 192    | *4     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 255    | *3     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate2006      | 267    | *3     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp_base2006       | 100    | *4     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 101    | *4     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 202    | *4     |  |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate2006       | 204    | *4     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 264    | *3     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate2006      | 277    | *3     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp_base2006       | 103    | *4     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 103    | *4     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 205    | *4     |  |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate2006       | 209    | *4     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 289    | *3     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate2006      | 281    | *3     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp_base2006       | 106    | *4     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *4     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 207    | *4     |  |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate2006       | 211    | *4     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint_base2006      | 74.6   | *1     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint2006           | 77     | *1     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 270    | *1     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint_rate2006      | 281    | *1     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp_base2006       | 105    | *2     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *2     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 207    | *2     |  |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp_rate2006       | 211    | *2     |  |

\*1 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 measured on PRIMERGY RX1330 M3. Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 measured on PRIMERGY RX1330 M3. Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

**PRIMERGY 性能情報**  
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2014/9/9現在

| PRIMERGY TX1330 M1                                                                          |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Pentium / Core / Xeon</b>                                                                |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G3420<br>3200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 54 Watt   | 1<br>CPU | DDR3-SDRAM |                       |                     |                           |                      | 53.5 <sup>(1)</sup> | 54.1 <sup>(1)</sup> | 76.3 <sup>(1)</sup>      | 77.7 <sup>(1)</sup> |
| Core i3-4330<br>3500 MHz<br>2 Cores<br>256 kB SLC per core<br>4096 kB TLC<br>TDP 54 Watt    | 1<br>CPU | DDR3-SDRAM |                       |                     | 111 <sup>(2)</sup>        | 115 <sup>(2)</sup>   | 63.3 <sup>(3)</sup> | 64.3 <sup>(3)</sup> | 98.0 <sup>(3)</sup>      | 101 <sup>(3)</sup>  |
| Xeon E3-1220 v3<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     |                           |                      |                     |                     | 135 <sup>(1)</sup>       | 139 <sup>(1)</sup>  |
| Xeon E3-1231 v3<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 58.2 <sup>(2)</sup>   | 60.6 <sup>(2)</sup> | 206 <sup>(2)</sup>        | 214 <sup>(2)</sup>   | 72.8 <sup>(3)</sup> | 74.2 <sup>(3)</sup> | 146 <sup>(3)</sup>       | 151 <sup>(3)</sup>  |
| Xeon E3-1241 v3<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 59.5 <sup>(2)</sup>   | 61.9 <sup>(2)</sup> | 213 <sup>(2)</sup>        | 220 <sup>(2)</sup>   | 74.0 <sup>(3)</sup> | 75.3 <sup>(3)</sup> | 147 <sup>(3)</sup>       | 152 <sup>(3)</sup>  |
| Xeon E3-1271 v3<br>3600 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 61.0 <sup>(2)</sup>   | 63.5 <sup>(2)</sup> | 216 <sup>(2)</sup>        | 223 <sup>(2)</sup>   | 75.3 <sup>(3)</sup> | 76.6 <sup>(3)</sup> | 148 <sup>(3)</sup>       | 154 <sup>(3)</sup>  |
| Xeon E3-1275Lv3<br>2700 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 58.2 <sup>(2)</sup>   | 61.1 <sup>(2)</sup> | 195 <sup>(2)</sup>        | 202 <sup>(2)</sup>   | 70.6 <sup>(3)</sup> | 72.8 <sup>(3)</sup> | 138 <sup>(3)</sup>       | 142 <sup>(3)</sup>  |
| Xeon E3-1281 v3<br>3700 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 219 <sup>(2)</sup>        | 227 <sup>(2)</sup>   |                     |                     |                          |                     |

<sup>(1)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

<sup>(2)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on

<sup>(3)</sup> Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Fortran: Version 14.0.0.080 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, hyperthreading on



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PRIMERGY TX1330 M2

| CPU NUmber  | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_base2006      | 53.1   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint2006           | 54.9   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 95.9   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 99.3   | *1     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 70.6   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp2006            | 71.3   | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 104    | *2     |
| G4400       | 2            | 3300      | 256 | 3072 | 54  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 105    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_base2006      | 61.9   | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint2006           | 64.1   | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 133    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 139    | *1     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_base2006       | 85.6   | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp2006            | 87     | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 131    | *2     |
| i3-6100     | 2            | 3700      | 256 | 3072 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 134    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_base2006      | 65.3   | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint2006           | 67.5   | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 196    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 202    | *1     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_base2006       | 90.6   | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp2006            | 92.7   | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 174    | *2     |
| E3-1220 v5  | 4            | 3000      | 256 | 8192 | 80  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 176    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 69.5   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 71.8   | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 244    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 253    | *1     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 94.8   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 96.9   | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 188    | *2     |
| E3-1230 v5  | 4            | 3400      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 192    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 71.3   | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 73.8   | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 249    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 258    | *1     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 96.4   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 98.5   | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 189    | *2     |
| E3-1240 v5  | 4            | 3500      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 193    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_base2006      | 59.7   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint2006           | 61.6   | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 201    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECint_rate2006      | 208    | *1     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_base2006       | 84     | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp2006            | 86.1   | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 165    | *2     |
| E3-1240L v5 | 4            | 2100      | 256 | 8192 | 25  | on              | DDR4X    | 1     | SPECfp_rate2006       | 169    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 73     | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 75.6   | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 254    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 262    | *1     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 98     | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 100    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 191    | *2     |
| E3-1270 v5  | 4            | 3600      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 197    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_base2006      | 73.4   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint2006           | 75.8   | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 250    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECint_rate2006      | 259    | *1     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_base2006       | 98.1   | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp2006            | 100    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 190    | *2     |
| E3-1280 v5  | 4            | 3700      | 256 | 8192 | 80  | on              | DDR4X    | 1     | SPECfp_rate2006       | 195    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux, SUSE Linux Enterprise Server 12 (x86\_64)

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PRIMERGY TX1330 M3

| 2017/5/23現在 |              |           |     |      |     |                 |          |       |                       |        |        |
|-------------|--------------|-----------|-----|------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC  | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint rate base2006 | 123    | *3     |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECint rate2006      | 128    | *3     |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp base2006       | 76     | *4     |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | off             | DDR4X    | 1     | SPECfp2006            | 76.7   | *4     |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp rate base2006  | 122    | *4     |
| G4560       | 2            | 3500      | 256 | 3072 | 54  | on              | DDR4X    | 1     | SPECfp rate2006       | 123    | *4     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint rate base2006 | 140    | *3     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECint rate2006      | 147    | *3     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp base2006       | 92.4   | *4     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | off             | DDR4X    | 1     | SPECfp2006            | 93.7   | *4     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp rate base2006  | 142    | *4     |
| i3-7100     | 2            | 3900      | 256 | 3072 | 51  | on              | DDR4X    | 1     | SPECfp rate2006       | 145    | *4     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint rate base2006 | 199    | *3     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECint rate2006      | 208    | *3     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp base2006       | 93.3   | *4     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp2006            | 93.6   | *4     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp rate base2006  | 184    | *4     |
| E3-1220 v6  | 4            | 3000      | 256 | 8192 | 72  | n/a             | DDR4X    | 1     | SPECfp rate2006       | 187    | *4     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint rate base2006 | 208    | *3     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECint rate2006      | 218    | *3     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp base2006       | 96.8   | *4     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp2006            | 97     | *4     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp rate base2006  | 189    | *4     |
| E3-1225 v6  | 4            | 3300      | 256 | 8192 | 73  | n/a             | DDR4X    | 1     | SPECfp rate2006       | 192    | *4     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 255    | *3     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 267    | *3     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 100    | *4     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 101    | *4     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 202    | *4     |
| E3-1230 v6  | 4            | 3500      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 204    | *4     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 264    | *3     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 277    | *3     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 103    | *4     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 103    | *4     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 205    | *4     |
| E3-1240 v6  | 4            | 3700      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 209    | *4     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 269    | *3     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 281    | *3     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 106    | *4     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *4     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 207    | *4     |
| E3-1270 v6  | 4            | 3800      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 211    | *4     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint base2006      | 74.6   | *1     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECint2006           | 77     | *1     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate base2006 | 270    | *1     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECint rate2006      | 281    | *1     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp base2006       | 105    | *2     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | off             | DDR4X    | 1     | SPECfp2006            | 106    | *2     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate base2006  | 207    | *2     |
| E3-1280 v6  | 4            | 3900      | 256 | 8192 | 72  | on              | DDR4X    | 1     | SPECfp rate2006       | 211    | *2     |

\*1 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*2 Measurement taken with C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*3 measured on PRIMERGY RX1330 M3, Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*4 measured on PRIMERGY RX1330 M3, Calculated for C/C++: Version 17.0.0.098 of Intel C++ Compiler for Linux; Fortran: Version 17.0.0.098 of Intel Fortran Compiler for Linux; SUSE Linux Enterprise Server 12 SP2 (x86\_64)

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2012/10/23現在

|                                                                                             |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX140 S1 [2012年5月以降発表モデル], Pentium / Core / Xeon</b>                            |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G640<br>2800 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 34.4 <sup>(1)</sup>   | 36.3 <sup>(1)</sup> | 62.0 <sup>(1)</sup>       | 64.5 <sup>(1)</sup>  | 40.2 <sup>(1)</sup> | 40.9 <sup>(1)</sup> | 60.1 <sup>(1)</sup>      | 61.4 <sup>(1)</sup> |
| Core i3-3220<br>3300 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt    | 1<br>CPU | DDR3-SDRAM | 42.0 <sup>(2)</sup>   | 44.3 <sup>(2)</sup> | 91.3 <sup>(3)</sup>       | 95.7 <sup>(3)</sup>  | 53.3 <sup>(2)</sup> | 54.5 <sup>(2)</sup> | 83.7 <sup>(3)</sup>      | 86.6 <sup>(3)</sup> |
| Xeon E3-1220V2<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 48.6 <sup>(1)</sup>   | 51.7 <sup>(1)</sup> | 152 <sup>(1)</sup>        | 159 <sup>(1)</sup>   | 64.8 <sup>(1)</sup> | 66.7 <sup>(1)</sup> | 125 <sup>(1)</sup>       | 129 <sup>(1)</sup>  |
| Xeon E3-1230V2<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 51.1 <sup>(2)</sup>   | 54.3 <sup>(2)</sup> | 184 <sup>(3)</sup>        | 192 <sup>(3)</sup>   | 67.3 <sup>(2)</sup> | 69.2 <sup>(2)</sup> | 133 <sup>(3)</sup>       | 137 <sup>(3)</sup>  |
| Xeon E3-1265LV2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 48.0 <sup>(2)</sup>   | 51.4 <sup>(2)</sup> | 169 <sup>(3)</sup>        | 176 <sup>(3)</sup>   | 63.6 <sup>(2)</sup> | 65.8 <sup>(2)</sup> | 126 <sup>(3)</sup>       | 130 <sup>(3)</sup>  |
| Xeon E3-1270V2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 69 Watt  | 1<br>CPU | DDR3-SDRAM | 53.6 <sup>(2)</sup>   | 56.9 <sup>(2)</sup> | 192 <sup>(3)</sup>        | 200 <sup>(3)</sup>   | 69.8 <sup>(2)</sup> | 71.7 <sup>(2)</sup> | 136 <sup>(3)</sup>       | 141 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

2011/06/21現在

|                                                                                                    |          |                         | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                      |                     |
|----------------------------------------------------------------------------------------------------|----------|-------------------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
|                                                                                                    |          |                         | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base2006 | SPECfp_rate2006     |
| PRIMERGY TX140 S1 [2011年6月発表モデル] , Pentium Dual-Core / Core / Xeon                                 |          |                         |                       |                     |                           |                      |                     |                     |                      |                     |
| Pentium Dual-Core G620<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 30.6 <sup>(1)</sup>   | 31.9 <sup>(1)</sup> | 53.2 <sup>(1)</sup>       | 55.4 <sup>(1)</sup>  | 36.8 <sup>(1)</sup> | 38.1 <sup>(1)</sup> | 54.3 <sup>(1)</sup>  | 55.1 <sup>(1)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |
| Core i3-2100<br>3100 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 65 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 36.3 <sup>(2)</sup>   | 37.9 <sup>(2)</sup> | 75.1 <sup>(3)</sup>       | 78.1 <sup>(3)</sup>  | 45.5 <sup>(2)</sup> | 47.2 <sup>(2)</sup> | 73.1 <sup>(3)</sup>  | 74.5 <sup>(3)</sup> |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |
| Xeon E3-1220<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 42.4 <sup>(1)</sup>   | 44.5 <sup>(1)</sup> | 126 <sup>(1)</sup>        | 131 <sup>(1)</sup>   | 54.1 <sup>(1)</sup> | 56.5 <sup>(1)</sup> | 106 <sup>(1)</sup>   | 107 <sup>(1)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |
| Xeon E3-1240<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 45.4 <sup>(2)</sup>   | 47.9 <sup>(2)</sup> | 154 <sup>(3)</sup>        | 160 <sup>(3)</sup>   | 56.8 <sup>(2)</sup> | 59.5 <sup>(2)</sup> | 115 <sup>(3)</sup>   | 118 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |
| Xeon E3-1260L<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt          | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 39.7 <sup>(2)</sup>   | 42.9 <sup>(2)</sup> | 123 <sup>(3)</sup>        | 128 <sup>(3)</sup>   | 49.8 <sup>(2)</sup> | 53.2 <sup>(2)</sup> | 101 <sup>(3)</sup>   | 103 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |
| Xeon E3-1270<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt           | 1<br>CPU | 8 GB<br>DDR3-<br>SDRAM  | 46.4 <sup>(2)</sup>   | 49.0 <sup>(2)</sup> | 157 <sup>(3)</sup>        | 164 <sup>(3)</sup>   | 57.8 <sup>(2)</sup> | 60.6 <sup>(2)</sup> | 116 <sup>(3)</sup>   | 120 <sup>(3)</sup>  |
|                                                                                                    |          | 32 GB<br>DDR3-<br>SDRAM |                       |                     |                           |                      |                     |                     |                      |                     |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64)

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.0, SUSE Linux SLES11 SP1 (x86\_64), hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

2013/10/4現在

| PRIMERGY TX140 S2                                                                           |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|---------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                             |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Pentium / Core / Xeon</b>                                                                |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium G3420<br>3200 MHz<br>2 Cores<br>256 kB SLC per core<br>3072 kB TLC<br>TDP 54 Watt   | 1<br>CPU | DDR3-SDRAM | 44.7 <sup>(1)</sup>   | 46.8 <sup>(1)</sup> | 79.7 <sup>(1)</sup>       | 82.4 <sup>(1)</sup>  | 53.5 <sup>(1)</sup> | 54.1 <sup>(1)</sup> | 76.4 <sup>(1)</sup>      | 77.8 <sup>(1)</sup> |
| Core i3-4330<br>3500 MHz<br>2 Cores<br>256 kB SLC per core<br>4096 kB TLC<br>TDP 54 Watt    | 1<br>CPU | DDR3-SDRAM | 52.0 <sup>(2)</sup>   | 54.0 <sup>(2)</sup> | 111 <sup>(2)</sup>        | 115 <sup>(2)</sup>   | 63.0 <sup>(2)</sup> | 64.1 <sup>(2)</sup> | 98.0 <sup>(2)</sup>      | 100 <sup>(2)</sup>  |
| Xeon E3-1220 v3<br>3100 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 55.3 <sup>(1)</sup>   | 57.4 <sup>(1)</sup> | 169 <sup>(1)</sup>        | 177 <sup>(1)</sup>   | 69.2 <sup>(1)</sup> | 70.5 <sup>(1)</sup> | 135 <sup>(1)</sup>       | 139 <sup>(1)</sup>  |
| Xeon E3-1230 v3<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 57.5 <sup>(2)</sup>   | 59.8 <sup>(2)</sup> | 203 <sup>(2)</sup>        | 210 <sup>(2)</sup>   | 71.7 <sup>(2)</sup> | 73.0 <sup>(2)</sup> | 144 <sup>(2)</sup>       | 149 <sup>(2)</sup>  |
| Xeon E3-1240 v3<br>3400 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 59.0 <sup>(2)</sup>   | 61.3 <sup>(2)</sup> | 208 <sup>(2)</sup>        | 214 <sup>(2)</sup>   | 73.0 <sup>(2)</sup> | 74.3 <sup>(2)</sup> | 144 <sup>(2)</sup>       | 150 <sup>(2)</sup>  |
| Xeon E3-1265Lv3<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 45 Watt | 1<br>CPU | DDR3-SDRAM | 56.6 <sup>(2)</sup>   | 59.2 <sup>(2)</sup> | 188 <sup>(2)</sup>        | 194 <sup>(2)</sup>   | 69.9 <sup>(2)</sup> | 71.7 <sup>(2)</sup> | 137 <sup>(2)</sup>       | 142 <sup>(2)</sup>  |
| Xeon E3-1270 v3<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 60.4 <sup>(2)</sup>   | 62.8 <sup>(2)</sup> | 211 <sup>(2)</sup>        | 218 <sup>(2)</sup>   | 74.3 <sup>(2)</sup> | 75.7 <sup>(2)</sup> | 147 <sup>(2)</sup>       | 152 <sup>(2)</sup>  |
| Xeon E3-1280 v3<br>3600 MHz<br>4 Cores<br>256 kB SLC per core<br>8192 kB TLC<br>TDP 80 Watt | 1<br>CPU | DDR3-SDRAM | 61.2 <sup>(2)</sup>   | 63.6 <sup>(2)</sup> | 211 <sup>(2)</sup>        | 218 <sup>(2)</sup>   | 75.4 <sup>(2)</sup> | 76.8 <sup>(2)</sup> | 148 <sup>(2)</sup>       | 154 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2013/1/29現在

|                                                                                            |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX150 S8, Pentium / Xeon</b>                                                   |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Pentium 1403<br>2600 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-SDRAM | 32.9 <sup>(1)</sup>   | 34.8 <sup>(1)</sup> | 59.9 <sup>(1)</sup>       | 62.3 <sup>(1)</sup>  | 42.2 <sup>(1)</sup> | 43.2 <sup>(1)</sup> | 63.1 <sup>(1)</sup>      | 65.3 <sup>(1)</sup> |
| Xeon E5-1410<br>2800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM | 43.4 <sup>(2)</sup>   | 46.0 <sup>(2)</sup> | 167 <sup>(3)</sup>        | 175 <sup>(3)</sup>   | 62.7 <sup>(2)</sup> | 64.3 <sup>(2)</sup> | 139 <sup>(3)</sup>       | 143 <sup>(3)</sup>  |
| Xeon E5-2403<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM | 25.6 <sup>(1)</sup>   | 26.9 <sup>(1)</sup> | 85.6 <sup>(1)</sup>       | 89.1 <sup>(1)</sup>  | 39.3 <sup>(1)</sup> | 40.3 <sup>(1)</sup> | 87.3 <sup>(1)</sup>      | 89.2 <sup>(1)</sup> |
| Xeon E5-2407<br>2200 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM | 30.8 <sup>(1)</sup>   | 32.4 <sup>(1)</sup> | 102 <sup>(1)</sup>        | 106 <sup>(1)</sup>   | 46.0 <sup>(1)</sup> | 47.1 <sup>(1)</sup> | 98.9 <sup>(1)</sup>      | 101 <sup>(1)</sup>  |
| Xeon E5-2420<br>1900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM | 34.4 <sup>(2)</sup>   | 36.6 <sup>(2)</sup> | 183 <sup>(3)</sup>        | 191 <sup>(3)</sup>   | 53.3 <sup>(2)</sup> | 55.2 <sup>(2)</sup> | 148 <sup>(3)</sup>       | 152 <sup>(3)</sup>  |
| Xeon E5-2430<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM | 38.5 <sup>(2)</sup>   | 40.9 <sup>(2)</sup> | 203 <sup>(3)</sup>        | 212 <sup>(3)</sup>   | 58.4 <sup>(2)</sup> | 60.3 <sup>(2)</sup> | 158 <sup>(3)</sup>       | 162 <sup>(3)</sup>  |
| Xeon E5-2430L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-SDRAM | 35.8 <sup>(2)</sup>   | 38.2 <sup>(2)</sup> | 189 <sup>(3)</sup>        | 198 <sup>(3)</sup>   | 55.0 <sup>(2)</sup> | 56.9 <sup>(2)</sup> | 152 <sup>(3)</sup>       | 155 <sup>(3)</sup>  |
| Xeon E5-2440<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM | 41.2 <sup>(2)</sup>   | 43.9 <sup>(2)</sup> | 216 <sup>(3)</sup>        | 225 <sup>(3)</sup>   | 61.6 <sup>(2)</sup> | 63.6 <sup>(2)</sup> | 164 <sup>(3)</sup>       | 168 <sup>(3)</sup>  |
| Xeon E5-2450<br>2100 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM | 42.7 <sup>(2)</sup>   | 45.7 <sup>(2)</sup> | 276 <sup>(3)</sup>        | 287 <sup>(3)</sup>   | 65.6 <sup>(2)</sup> | 68.0 <sup>(2)</sup> | 200 <sup>(3)</sup>       | 206 <sup>(3)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2013/1/29現在

|                                                                                            |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX200 S7, Xeon</b>                                                             |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2403<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 85.5 <sup>(1)</sup>       | 89.1 <sup>(1)</sup>  |                     |                     | 87.3 <sup>(1)</sup>      | 89.8 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 26.6 <sup>(1)</sup>   | 28.0 <sup>(1)</sup> | 167 <sup>(1)</sup>        | 174 <sup>(1)</sup>   | 43.4 <sup>(1)</sup> | 44.9 <sup>(1)</sup> | 170 <sup>(1)</sup>       | 175 <sup>(1)</sup>  |
| Xeon E5-2407<br>2200 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 102 <sup>(1)</sup>        | 106 <sup>(1)</sup>   |                     |                     | 98.9 <sup>(1)</sup>      | 102 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 32.1 <sup>(1)</sup>   | 33.8 <sup>(1)</sup> | 200 <sup>(1)</sup>        | 208 <sup>(1)</sup>   | 50.3 <sup>(1)</sup> | 52.1 <sup>(1)</sup> | 195 <sup>(1)</sup>       | 200 <sup>(1)</sup>  |
| Xeon E5-2420<br>1900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 182 <sup>(2)</sup>        | 191 <sup>(2)</sup>   |                     |                     | 148 <sup>(2)</sup>       | 152 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 35.2 <sup>(3)</sup>   | 37.5 <sup>(3)</sup> | 351 <sup>(2)</sup>        | 367 <sup>(2)</sup>   | 57.8 <sup>(2)</sup> | 60.3 <sup>(2)</sup> | 282 <sup>(2)</sup>       | 290 <sup>(2)</sup>  |
| Xeon E5-2430<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 203 <sup>(2)</sup>        | 212 <sup>(2)</sup>   |                     |                     | 158 <sup>(2)</sup>       | 162 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 39.5 <sup>(3)</sup>   | 42.4 <sup>(3)</sup> | 395 <sup>(2)</sup>        | 413 <sup>(2)</sup>   | 64.6 <sup>(2)</sup> | 67.2 <sup>(2)</sup> | 311 <sup>(2)</sup>       | 318 <sup>(2)</sup>  |
| Xeon E5-2430L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 190 <sup>(2)</sup>        | 199 <sup>(2)</sup>   |                     |                     | 152 <sup>(2)</sup>       | 156 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 36.8 <sup>(3)</sup>   | 39.3 <sup>(3)</sup> | 366 <sup>(2)</sup>        | 383 <sup>(2)</sup>   | 60.5 <sup>(2)</sup> | 63.0 <sup>(2)</sup> | 293 <sup>(2)</sup>       | 301 <sup>(2)</sup>  |
| Xeon E5-2440<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 216 <sup>(2)</sup>        | 225 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 168 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 42.2 <sup>(3)</sup>   | 45.1 <sup>(3)</sup> | 420 <sup>(2)</sup>        | 438 <sup>(2)</sup>   | 67.5 <sup>(2)</sup> | 70.2 <sup>(2)</sup> | 324 <sup>(2)</sup>       | 332 <sup>(2)</sup>  |
| Xeon E5-2450<br>2100 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 276 <sup>(2)</sup>        | 287 <sup>(2)</sup>   |                     |                     | 200 <sup>(2)</sup>       | 206 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 43.7 <sup>(3)</sup>   | 47.0 <sup>(3)</sup> | 535 <sup>(2)</sup>        | 558 <sup>(2)</sup>   | 73.4 <sup>(2)</sup> | 76.6 <sup>(2)</sup> | 392 <sup>(2)</sup>       | 403 <sup>(2)</sup>  |
| Xeon E5-2470<br>2300 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 290 <sup>(2)</sup>        | 301 <sup>(2)</sup>   |                     |                     | 205 <sup>(2)</sup>       | 212 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-SDRAM | 46.7 <sup>(3)</sup>   | 50.2 <sup>(3)</sup> | 565 <sup>(2)</sup>        | 588 <sup>(2)</sup>   | 76.7 <sup>(2)</sup> | 79.9 <sup>(2)</sup> | 406 <sup>(2)</sup>       | 417 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

2014/7/31現在

| PRIMERGY TX2540 M1                                                                            |          |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|-----------------------------------------------------------------------------------------------|----------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |          |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>Xeon</b>                                                                                   |          |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2403 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 91.3 <sup>(1)</sup>       | 94.8 <sup>(1)</sup>  |                     |                     | 99.1 <sup>(1)</sup>      | 101 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 27.7 <sup>(1)</sup>   | 29.0 <sup>(1)</sup> | 179 <sup>(1)</sup>        | 185 <sup>(1)</sup>   | 49.5 <sup>(1)</sup> | 50.8 <sup>(1)</sup> | 193 <sup>(1)</sup>       | 197 <sup>(1)</sup>  |
| Xeon E5-2407 v2<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 118 <sup>(1)</sup>        | 122 <sup>(1)</sup>   |                     |                     | 120 <sup>(1)</sup>       | 122 <sup>(1)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 36.2 <sup>(1)</sup>   | 38.1 <sup>(1)</sup> | 230 <sup>(1)</sup>        | 238 <sup>(1)</sup>   | 61.6 <sup>(1)</sup> | 63.3 <sup>(1)</sup> | 234 <sup>(1)</sup>       | 239 <sup>(1)</sup>  |
| Xeon E5-2420 v2<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 216 <sup>(2)</sup>        | 224 <sup>(2)</sup>   |                     |                     | 180 <sup>(2)</sup>       | 185 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 41.5 <sup>(2)</sup>   | 44.0 <sup>(2)</sup> | 420 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 70.4 <sup>(2)</sup> | 73.1 <sup>(2)</sup> | 355 <sup>(2)</sup>       | 364 <sup>(2)</sup>  |
| Xeon E5-2430 v2<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 237 <sup>(2)</sup>        | 246 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 195 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 45.8 <sup>(2)</sup>   | 48.7 <sup>(2)</sup> | 461 <sup>(2)</sup>        | 478 <sup>(2)</sup>   | 75.5 <sup>(2)</sup> | 78.2 <sup>(2)</sup> | 376 <sup>(2)</sup>       | 385 <sup>(2)</sup>  |
| Xeon E5-2430Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 223 <sup>(2)</sup>        | 232 <sup>(2)</sup>   |                     |                     | 184 <sup>(2)</sup>       | 188 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 43.2 <sup>(2)</sup>   | 45.8 <sup>(2)</sup> | 434 <sup>(2)</sup>        | 450 <sup>(2)</sup>   | 72.3 <sup>(2)</sup> | 74.9 <sup>(2)</sup> | 362 <sup>(2)</sup>       | 371 <sup>(2)</sup>  |
| Xeon E5-2440 v2<br>1900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 252 <sup>(2)</sup>        | 261 <sup>(2)</sup>   |                     |                     | 199 <sup>(2)</sup>       | 205 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 38.3 <sup>(2)</sup>   | 40.9 <sup>(2)</sup> | 490 <sup>(2)</sup>        | 508 <sup>(2)</sup>   | 67.8 <sup>(2)</sup> | 70.4 <sup>(2)</sup> | 393 <sup>(2)</sup>       | 403 <sup>(2)</sup>  |
| Xeon E5-2450 v2<br>2500 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-SDRAM |                       |                     | 312 <sup>(2)</sup>        | 322 <sup>(2)</sup>   |                     |                     | 226 <sup>(2)</sup>       | 232 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 51.0 <sup>(2)</sup>   | 55.3 <sup>(2)</sup> | 607 <sup>(2)</sup>        | 629 <sup>(2)</sup>   | 84.4 <sup>(2)</sup> | 88.0 <sup>(2)</sup> | 446 <sup>(2)</sup>       | 457 <sup>(2)</sup>  |
| Xeon E5-2470 v2<br>2400 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt | 1<br>CPU | DDR3-SDRAM |                       |                     | 362 <sup>(2)</sup>        | 373 <sup>(2)</sup>   |                     |                     | 245 <sup>(2)</sup>       | 252 <sup>(2)</sup>  |
|                                                                                               | 2<br>CPU | DDR3-SDRAM | 50.9 <sup>(2)</sup>   | 55.0 <sup>(2)</sup> | 709 <sup>(2)</sup>        | 730 <sup>(2)</sup>   | 83.6 <sup>(2)</sup> | 87.2 <sup>(2)</sup> | 486 <sup>(2)</sup>       | 499 <sup>(2)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX2520 M1

<sup>(2)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX2520 M1



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX2550 M4

2019/2/26現在

| CPU Number    | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|---------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 579    | *2     |
| Gold 5122     | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 527    | *1     |
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 451    | *2     |
| Silver 4112   | 4            | 2600      | 1024 | 8448  | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 425    | *1     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 349    | *2     |
| Bronze 3104   | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 359    | *1     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 870    | *2     |
| Gold 6128     | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 770    | *1     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 466    | *2     |
| Bronze 3106   | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 475    | *1     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1122   | *2     |
| Gold 6134     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 956    | *1     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 679    | *2     |
| Silver 4108   | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 632    | *1     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 753    | *2     |
| Silver 4110   | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 681    | *1     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1037   | *2     |
| Gold 5115     | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 863    | *1     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 964    | *2     |
| Silver 4114   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 827    | *1     |
| Silver 4114T  | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 963    | *2     |
| Silver 4114T  | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 828    | *1     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1228   | *2     |
| Gold 5118     | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 981    | *1     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1387   | *2     |
| Gold 6126     | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1116   | *1     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1567   | *2     |
| Gold 6136     | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1215   | *1     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1044   | *2     |
| Silver 4116   | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 916    | *1     |
| Gold 5119T    | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *2     |
| Gold 5119T    | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1007   | *1     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1387   | *2     |
| Gold 5120     | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1066   | *1     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1630   | *2     |
| Gold 6132     | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1234   | *1     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1651   | *2     |
| Gold 6130     | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1254   | *1     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1810   | *2     |
| Gold 6142     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1333   | *1     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1450   | *2     |
| Platinum 8153 | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1155   | *1     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1863   | *2     |
| Gold 6140     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1363   | *1     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1874   | *2     |
| Gold 6138     | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1373   | *1     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2054   | *2     |
| Gold 6148     | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1452   | *1     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2107   | *2     |
| Gold 6152     | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1471   | *1     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2297   | *2     |
| Platinum 8160 | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1540   | *1     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2350   | *4     |
| Platinum 8164 | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1570   | *3     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux;  
Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*4 Measurement taken with C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY TX2560 M1 (1/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 209    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 216    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 190    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 196    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 409    | *7     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 424    | *7     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 94.4   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 97.3   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 379    | *8     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 388    | *8     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 232    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 241    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 213    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 221    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.5   | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.7   | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 455    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 472    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 101    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 103    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 424    | *8     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 438    | *8     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 135    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 140    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 141    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 144    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 28.9   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.1   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 265    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 274    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 54.8   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 56.6   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 280    | *8     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 285    | *8     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 156    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 162    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 166    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.9   | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.2   | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 306    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 317    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 61     | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 63.1   | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 323    | *8     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 329    | *8     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 258    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 267    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 234    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 241    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.1   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 506    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 524    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 94.6   | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 466    | *8     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 477    | *8     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 341    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 353    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 288    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 297    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.5   | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 668    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 691    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 573    | *8     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 589    | *8     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY TX2560 M1 (2/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 337    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 347    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 284    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 292    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.6   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.1   | *3     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 660    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 681    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 565    | *8     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 579    | *8     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 287    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate2006      | 298    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 249    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 257    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.6   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 562    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 584    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.5   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 93.6   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 496    | *8     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 509    | *8     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 359    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 371    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 293    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 303    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.2   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 703    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 728    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 109    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 583    | *8     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 599    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 414    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 329    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 340    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.3   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 811    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 840    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 655    | *8     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 673    | *8     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 420    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 434    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 342    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 353    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 53.8   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.2   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 823    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 851    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 106    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 681    | *8     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 699    | *8     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY TX2560 M1 (3/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 452    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 466    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 352    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 364    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 58.4   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.7   | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 885    | *7     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 913    | *7     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 701    | *8     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 720    | *8     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 407    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 420    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 323    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 333    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.4   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.7   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 797    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 824    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 87.5   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 91.4   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 642    | *8     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 659    | *8     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 493    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 510    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 380    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 393    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56     | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59.2   | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 967    | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *8     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 778    | *8     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 526    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 546    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 385    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 399    | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 59.7   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.9   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1030   | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1070   | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 767    | *8     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 790    | *8     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 551    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 566    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 398    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 413    | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.7   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1110   | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 793    | *8     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 817    | *8     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY TX2560 M1 (4/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 546    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 403    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 416    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 56.5   | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *7     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *7     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 98.3   | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 102    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 802    | *8     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 824    | *8     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 577    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 597    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 412    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 426    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.9   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.6   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1130   | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 108    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 820    | *8     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 843    | *8     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 617    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 638    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 425    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 440    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.6   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.1   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1210   | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1250   | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 846    | *8     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 871    | *8     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 643    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 663    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 436    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 451    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.5   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1300   | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 867    | *8     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 694    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 719    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 458    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 474    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.4   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1360   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1410   | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 912    | *8     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 938    | *8     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY RX2540 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY RX2540 M1
- \*6 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*7 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*8 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX2560 M2 (1/2)

2016/11/7現在

| CPU Number  | # Cores / CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|---------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56     | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.1   | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 376    | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 396    | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91     | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 94.9   | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 356    | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 363    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.2   | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 478    | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 503    | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 442    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 451    | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.7   | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 311    | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 324    | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 65.9   | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 67.8   | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 350    | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 358    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 67.9   | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.4   | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 701    | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 738    | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 609    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 621    | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.8   | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.1   | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 413    | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 431    | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 68.4   | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 70.4   | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 438    | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 448    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.8   | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.5   | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 634    | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 667    | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 99.5   | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 568    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 579    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.7   | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.2   | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 895    | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 940    | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 123    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 719    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 736    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.1   | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 62.9   | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 811    | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 850    | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 111    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 671    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 687    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.4   | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59     | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 706    | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 742    | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 97.6   | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 104    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 620    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 633    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.6   | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.8   | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 860    | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 901    | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 696    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 712    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.5   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60     | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 805    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 825    | *2     |

\*1 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY RX2560 M2  
 \*2 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY RX2560 M2

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY TX2560 M2 (2/2)

2016/11/7現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.3   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.1   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 958    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 1010   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.5   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 96     | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 756    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 776    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 62.9   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.5   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1110   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1160   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 864    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 886    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.1   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 947    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.6   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.6   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1340   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1400   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 941    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 966    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.3   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 945    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 971    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.9   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73.1   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1540   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1000   | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.8   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.4   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1440   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1500   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 978    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1010   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1520   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1580   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.6   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.5   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1600   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1670   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1060   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.2   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73     | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1760   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1830   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1130   | *2     |

\*1 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY RX2560 M2  
 \*2 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY RX2560 M2

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2012/6/5現在

|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX300 S7, Xeon (1/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 85.9 <sup>(1)</sup>       | 89.5 <sup>(1)</sup>  |                     |                     | 90.1 <sup>(1)</sup>      | 91.7 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 26.7 <sup>(1)</sup>   | 28.0 <sup>(1)</sup> | 168 <sup>(1)</sup>        | 175 <sup>(1)</sup>   | 45.3 <sup>(1)</sup> | 47.0 <sup>(1)</sup> | 177 <sup>(1)</sup>       | 182 <sup>(1)</sup>  |
| Xeon E5-2609<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 111 <sup>(1)</sup>        | 115 <sup>(1)</sup>   |                     |                     | 110 <sup>(1)</sup>       | 114 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 34.9 <sup>(1)</sup>   | 36.6 <sup>(1)</sup> | 217 <sup>(1)</sup>        | 226 <sup>(1)</sup>   | 56.7 <sup>(1)</sup> | 58.8 <sup>(1)</sup> | 217 <sup>(1)</sup>       | 221 <sup>(1)</sup>  |
| Xeon E5-2620<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 192 <sup>(2)</sup>        | 201 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 169 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.8 <sup>(3)</sup>   | 39.1 <sup>(3)</sup> | 376 <sup>(2)</sup>        | 392 <sup>(2)</sup>   | 61.2 <sup>(3)</sup> | 64.4 <sup>(3)</sup> | 326 <sup>(2)</sup>       | 334 <sup>(2)</sup>  |
| Xeon E5-2630<br>2300 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 214 <sup>(2)</sup>        | 223 <sup>(2)</sup>   |                     |                     | 176 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 41.0 <sup>(3)</sup>   | 43.4 <sup>(3)</sup> | 417 <sup>(2)</sup>        | 436 <sup>(2)</sup>   | 66.4 <sup>(3)</sup> | 70.0 <sup>(3)</sup> | 350 <sup>(2)</sup>       | 359 <sup>(2)</sup>  |
| Xeon E5-2630L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 202 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.9 <sup>(3)</sup>   | 39.2 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 61.8 <sup>(3)</sup> | 65.1 <sup>(3)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2637<br>3000 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 96.2 <sup>(2)</sup>       | 101 <sup>(2)</sup>   |                     |                     | 89.0 <sup>(2)</sup>      | 92.1 <sup>(2)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 44.8 <sup>(3)</sup>   | 47.4 <sup>(3)</sup> | 187 <sup>(2)</sup>        | 195 <sup>(2)</sup>   | 65.7 <sup>(3)</sup> | 67.6 <sup>(3)</sup> | 175 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
| Xeon E5-2640<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 238 <sup>(2)</sup>   |                     |                     | 184 <sup>(2)</sup>       | 189 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 44.0 <sup>(3)</sup>   | 46.8 <sup>(3)</sup> | 444 <sup>(2)</sup>        | 464 <sup>(2)</sup>   | 70.1 <sup>(3)</sup> | 73.6 <sup>(3)</sup> | 365 <sup>(2)</sup>       | 374 <sup>(2)</sup>  |
| Xeon E5-2643<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 186 <sup>(2)</sup>        | 194 <sup>(2)</sup>   |                     |                     | 163 <sup>(2)</sup>       | 168 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.3 <sup>(3)</sup>   | 51.9 <sup>(3)</sup> | 362 <sup>(2)</sup>        | 378 <sup>(2)</sup>   | 78.0 <sup>(3)</sup> | 81.5 <sup>(3)</sup> | 323 <sup>(2)</sup>       | 331 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off



**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

2012/6/5現在

|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY TX300 S7, Xeon (2/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2650<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 265 <sup>(2)</sup>        | 276 <sup>(2)</sup>   |                     |                     | 212 <sup>(2)</sup>       | 218 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 42.1 <sup>(3)</sup>   | 45.5 <sup>(3)</sup> | 518 <sup>(2)</sup>        | 542 <sup>(2)</sup>   | 66.7 <sup>(3)</sup> | 70.9 <sup>(3)</sup> | 420 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2650L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 226 <sup>(2)</sup>        | 236 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 35.1 <sup>(3)</sup>   | 37.6 <sup>(3)</sup> | 441 <sup>(2)</sup>        | 461 <sup>(2)</sup>   | 58.0 <sup>(3)</sup> | 61.6 <sup>(3)</sup> | 377 <sup>(2)</sup>       | 387 <sup>(2)</sup>  |
| Xeon E5-2660<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 291 <sup>(2)</sup>        | 303 <sup>(2)</sup>   |                     |                     | 225 <sup>(2)</sup>       | 232 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.5 <sup>(3)</sup>   | 48.8 <sup>(3)</sup> | 569 <sup>(2)</sup>        | 594 <sup>(2)</sup>   | 71.9 <sup>(3)</sup> | 75.6 <sup>(3)</sup> | 446 <sup>(2)</sup>       | 459 <sup>(2)</sup>  |
| Xeon E5-2667<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 258 <sup>(2)</sup>        | 269 <sup>(2)</sup>   |                     |                     | 209 <sup>(2)</sup>       | 215 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 50.3 <sup>(3)</sup>   | 53.7 <sup>(3)</sup> | 503 <sup>(2)</sup>        | 525 <sup>(2)</sup>   | 79.8 <sup>(3)</sup> | 84.1 <sup>(3)</sup> | 415 <sup>(2)</sup>       | 426 <sup>(2)</sup>  |
| Xeon E5-2670<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 317 <sup>(2)</sup>        | 330 <sup>(2)</sup>   |                     |                     | 237 <sup>(2)</sup>       | 244 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.4 <sup>(3)</sup>   | 52.9 <sup>(3)</sup> | 620 <sup>(2)</sup>        | 646 <sup>(2)</sup>   | 77.0 <sup>(3)</sup> | 81.4 <sup>(3)</sup> | 470 <sup>(2)</sup>       | 484 <sup>(2)</sup>  |
| Xeon E5-2680<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 326 <sup>(2)</sup>        | 339 <sup>(2)</sup>   |                     |                     | 241 <sup>(2)</sup>       | 249 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 51.8 <sup>(3)</sup>   | 55.8 <sup>(3)</sup> | 638 <sup>(2)</sup>        | 664 <sup>(2)</sup>   | 79.0 <sup>(3)</sup> | 83.7 <sup>(3)</sup> | 479 <sup>(2)</sup>       | 493 <sup>(2)</sup>  |
| Xeon E5-2690<br>2900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 135 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 339 <sup>(2)</sup>        | 353 <sup>(2)</sup>   |                     |                     | 248 <sup>(2)</sup>       | 256 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 55.8 <sup>(3)</sup>   | 60.7 <sup>(3)</sup> | 661 <sup>(2)</sup>        | 691 <sup>(2)</sup>   | 86.6 <sup>(3)</sup> | 92.7 <sup>(3)</sup> | 491 <sup>(2)</sup>       | 507 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

| PRIMERGY TX300 S8                                                                             |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|-----------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon(1/2)                                                                                     |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 91.6 <sup>(1)</sup>       | 95.2 <sup>(1)</sup>  |                     |                     | 103 <sup>(1)</sup>       | 105 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 27.9 <sup>(2)</sup>   | 29.0 <sup>(2)</sup> | 179 <sup>(2)</sup>        | 186 <sup>(2)</sup>   | 49.9 <sup>(2)</sup> | 51.3 <sup>(2)</sup> | 199 <sup>(2)</sup>       | 203 <sup>(2)</sup>  |
| Xeon E5-2609 v2<br>2500 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 123 <sup>(1)</sup>        | 128 <sup>(1)</sup>   |                     |                     | 131 <sup>(1)</sup>       | 133 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 37.8 <sup>(2)</sup>   | 39.6 <sup>(2)</sup> | 240 <sup>(2)</sup>        | 248 <sup>(2)</sup>   | 64.7 <sup>(2)</sup> | 66.6 <sup>(2)</sup> | 254 <sup>(2)</sup>       | 260 <sup>(2)</sup>  |
| Xeon E5-2620 v2<br>2100 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 221 <sup>(3)</sup>   |                     |                     | 193 <sup>(3)</sup>       | 197 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 40.1 <sup>(4)</sup>   | 42.8 <sup>(4)</sup> | 412 <sup>(4)</sup>        | 429 <sup>(4)</sup>   | 72.7 <sup>(4)</sup> | 75.4 <sup>(4)</sup> | 376 <sup>(4)</sup>       | 384 <sup>(4)</sup>  |
| Xeon E5-2630 v2<br>2600 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 249 <sup>(3)</sup>        | 260 <sup>(3)</sup>   |                     |                     | 215 <sup>(3)</sup>       | 220 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 47.7 <sup>(4)</sup>   | 50.4 <sup>(4)</sup> | 484 <sup>(4)</sup>        | 502 <sup>(4)</sup>   | 82.8 <sup>(4)</sup> | 85.9 <sup>(4)</sup> | 421 <sup>(4)</sup>       | 430 <sup>(4)</sup>  |
| Xeon E5-2630Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 228 <sup>(3)</sup>        | 237 <sup>(3)</sup>   |                     |                     | 202 <sup>(3)</sup>       | 206 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 43.4 <sup>(4)</sup>   | 45.9 <sup>(4)</sup> | 442 <sup>(4)</sup>        | 459 <sup>(4)</sup>   | 77.1 <sup>(4)</sup> | 80.0 <sup>(4)</sup> | 397 <sup>(4)</sup>       | 405 <sup>(4)</sup>  |
| Xeon E5-2637 v2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 212 <sup>(3)</sup>        | 220 <sup>(3)</sup>   |                     |                     | 196 <sup>(3)</sup>       | 201 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 56.1 <sup>(4)</sup>   | 59.2 <sup>(4)</sup> | 411 <sup>(4)</sup>        | 427 <sup>(4)</sup>   | 94.4 <sup>(4)</sup> | 97.8 <sup>(4)</sup> | 383 <sup>(4)</sup>       | 393 <sup>(4)</sup>  |
| Xeon E5-2640 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 268 <sup>(3)</sup>        | 278 <sup>(3)</sup>   |                     |                     | 228 <sup>(3)</sup>       | 233 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 39.8 <sup>(4)</sup>   | 42.6 <sup>(4)</sup> | 520 <sup>(4)</sup>        | 540 <sup>(4)</sup>   | 74.7 <sup>(4)</sup> | 77.6 <sup>(4)</sup> | 448 <sup>(4)</sup>       | 458 <sup>(4)</sup>  |
| Xeon E5-2643 v2<br>3500 MHz<br>6 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 314 <sup>(3)</sup>        | 326 <sup>(3)</sup>   |                     |                     | 263 <sup>(3)</sup>       | 270 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 59.2 <sup>(4)</sup>   | 63.2 <sup>(4)</sup> | 609 <sup>(4)</sup>        | 635 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 105 <sup>(4)</sup>  | 516 <sup>(4)</sup>       | 530 <sup>(4)</sup>  |
| Xeon E5-2650 v2<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 338 <sup>(3)</sup>        | 351 <sup>(3)</sup>   |                     |                     | 276 <sup>(3)</sup>       | 283 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 52.6 <sup>(4)</sup>   | 56.6 <sup>(4)</sup> | 657 <sup>(4)</sup>        | 682 <sup>(4)</sup>   | 95.5 <sup>(4)</sup> | 99.7 <sup>(4)</sup> | 543 <sup>(4)</sup>       | 555 <sup>(4)</sup>  |
| Xeon E5-2650Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 70 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 278 <sup>(3)</sup>        | 289 <sup>(3)</sup>   |                     |                     | 234 <sup>(3)</sup>       | 239 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 34.5 <sup>(4)</sup>   | 36.8 <sup>(4)</sup> | 543 <sup>(4)</sup>        | 563 <sup>(4)</sup>   | 67.0 <sup>(4)</sup> | 69.8 <sup>(4)</sup> | 459 <sup>(4)</sup>       | 469 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

| PRIMERGY TX300 S8                                                                              |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|------------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon(2/2)                                                                                      |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2660 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 368 <sup>(3)</sup>        | 380 <sup>(3)</sup>   |                     |                     | 290 <sup>(3)</sup>       | 298 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 48.0 <sup>(4)</sup>   | 51.9 <sup>(4)</sup> | 715 <sup>(4)</sup>        | 742 <sup>(4)</sup>   | 88.4 <sup>(4)</sup> | 92.6 <sup>(4)</sup> | 571 <sup>(4)</sup>       | 585 <sup>(4)</sup>  |
| Xeon E5-2667 v2<br>3300 MHz<br>8 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 399 <sup>(3)</sup>        | 413 <sup>(3)</sup>   |                     |                     | 302 <sup>(3)</sup>       | 311 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 62.1 <sup>(4)</sup>   | 66.9 <sup>(4)</sup> | 776 <sup>(4)</sup>        | 805 <sup>(4)</sup>   | 109 <sup>(4)</sup>  | 113 <sup>(4)</sup>  | 591 <sup>(4)</sup>       | 608 <sup>(4)</sup>  |
| Xeon E5-2670 v2<br>2500 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 401 <sup>(3)</sup>        | 415 <sup>(3)</sup>   |                     |                     | 306 <sup>(3)</sup>       | 314 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 53.0 <sup>(4)</sup>   | 57.0 <sup>(4)</sup> | 781 <sup>(4)</sup>        | 810 <sup>(4)</sup>   | 94.8 <sup>(4)</sup> | 99.0 <sup>(4)</sup> | 602 <sup>(4)</sup>       | 618 <sup>(4)</sup>  |
| Xeon E5-2680 v2<br>2800 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 422 <sup>(3)</sup>        | 436 <sup>(3)</sup>   |                     |                     | 315 <sup>(3)</sup>       | 324 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 56.9 <sup>(4)</sup>   | 61.7 <sup>(4)</sup> | 824 <sup>(4)</sup>        | 852 <sup>(4)</sup>   | 100 <sup>(4)</sup>  | 105 <sup>(4)</sup>  | 621 <sup>(4)</sup>       | 637 <sup>(4)</sup>  |
| Xeon E5-2690 v2<br>3000 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 442 <sup>(3)</sup>        | 457 <sup>(3)</sup>   |                     |                     | 323 <sup>(3)</sup>       | 332 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 57.5 <sup>(4)</sup>   | 61.9 <sup>(4)</sup> | 862 <sup>(4)</sup>        | 893 <sup>(4)</sup>   | 102 <sup>(4)</sup>  | 106 <sup>(4)</sup>  | 638 <sup>(4)</sup>       | 655 <sup>(4)</sup>  |
| Xeon E5-2695 v2<br>2400 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 115 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 453 <sup>(3)</sup>        | 468 <sup>(3)</sup>   |                     |                     | 333 <sup>(3)</sup>       | 342 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 50.9 <sup>(4)</sup>   | 54.4 <sup>(4)</sup> | 883 <sup>(4)</sup>        | 913 <sup>(4)</sup>   | 92.0 <sup>(4)</sup> | 96.3 <sup>(4)</sup> | 657 <sup>(4)</sup>       | 675 <sup>(4)</sup>  |
| Xeon E5-2697 v2<br>2700 MHz<br>12 Cores<br>256 kB SLC per core<br>30720 kB TLC<br>TDP 130 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 477 <sup>(3)</sup>        | 493 <sup>(3)</sup>   |                     |                     | 343 <sup>(3)</sup>       | 353 <sup>(3)</sup>  |
|                                                                                                | 2 CPU | DDR3-SDRAM | 54.9 <sup>(4)</sup>   | 59.1 <sup>(4)</sup> | 930 <sup>(4)</sup>        | 961 <sup>(4)</sup>   | 97.6 <sup>(4)</sup> | 103 <sup>(4)</sup>  | 678 <sup>(4)</sup>       | 696 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX300 S8  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX300 S8  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2560 M1 (1/3)

2015/4/24現在

| CPU NUmber | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 210    | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 217    | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 188    | *3     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 194    | *3     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.4   | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 412    | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 426    | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 96.5   | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 100    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 374    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 385    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 234    | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 241    | *1     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 214    | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 222    | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.5   | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64     | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 458    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 473    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 109    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 425    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 439    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 136    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 141    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 143    | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 146    | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 29.3   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.4   | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 266    | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 276    | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 55.8   | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 57.5   | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 284    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 290    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 157    | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 164    | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 169    | *3     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34     | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.4   | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 307    | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 318    | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 62.4   | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 64.6   | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 326    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 334    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 259    | *1     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 270    | *1     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 232    | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 239    | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.7   | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.8   | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 508    | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 530    | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 95.5   | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 101    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 462    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 473    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 342    | *1     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 354    | *1     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 285    | *3     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 295    | *3     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 64.6   | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67.6   | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 670    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 693    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 568    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 584    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 340    | *1     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 353    | *1     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 279    | *3     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 288    | *3     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.8   | *5     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *5     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 667    | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 691    | *4     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 556    | *6     |
| E5-2630 v3 | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 571    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2560 M1 (2/3)

2015/4/24現在

| CPU NUmber  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 280    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate2006      | 289    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 225    | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 232    | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 50.9   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.1   | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 548    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 566    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 89     | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 95     | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 447    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 459    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 357    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 369    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 289    | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 298    | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 59.9   | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.6   | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 699    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 724    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 113    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 575    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 591    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 415    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 428    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 328    | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 337    | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.7   | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.5   | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 814    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 839    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 652    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 668    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 411    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *1     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 331    | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 341    | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 54.6   | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.9   | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 805    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 840    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 107    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 658    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 676    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 445    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 460    | *1     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 345    | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 356    | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 58.6   | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.2   | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 872    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 901    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 686    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 704    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 384    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 398    | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 311    | *3     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 321    | *3     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.2   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.5   | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 753    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 780    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 87.7   | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 91.6   | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 619    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 636    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 493    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 508    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 371    | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 385    | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56.7   | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59     | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 966    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 996    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 739    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 762    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2560 M1 (3/3)

2015/4/24現在

| CPU NUmber | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 506    | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 520    | *1     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 375    | *3     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 388    | *3     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *5     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.4   | *5     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 991    | *4     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1020   | *4     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *6     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *6     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 746    | *6     |
| E5-2680 v3 | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 768    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 531    | *1     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 551    | *1     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 380    | *3     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 393    | *3     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *5     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1040   | *4     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1080   | *4     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 113    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *6     |
| E5-2690 v3 | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 779    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 536    | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 551    | *1     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 392    | *3     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 406    | *3     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 55.9   | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1050   | *4     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1080   | *4     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 99.5   | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 104    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 780    | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 804    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 546    | *1     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *1     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 396    | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 410    | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 59.3   | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.4   | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *4     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *4     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 788    | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 812    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 577    | *1     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 602    | *1     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 410    | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 424    | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.4   | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1130   | *4     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1180   | *4     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 816    | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 840    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 617    | *1     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 633    | *1     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 428    | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 443    | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.7   | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.8   | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1210   | *4     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1240   | *4     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 852    | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 878    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 653    | *1     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 673    | *1     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 437    | *3     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 453    | *3     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.9   | *5     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.2   | *5     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1280   | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 869    | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 896    | *6     |

\*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*2 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*4 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5  
\*5 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0  
\*6 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2560 M2 (1/2)

2016/10/28現在

| CPU Number  | # Cores / CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|---------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.3   | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 378    | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 399    | *1     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91.8   | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 95.6   | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 360    | *2     |
| E5-2623 v4  | 4             | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 366    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.5   | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 481    | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 507    | *1     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 439    | *2     |
| E5-2637 v4  | 4             | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 448    | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.7   | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 36     | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 313    | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 326    | *1     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66.6   | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 68.4   | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 352    | *2     |
| E5-2603 v4  | 6             | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 360    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.3   | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.8   | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 704    | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 740    | *1     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 600    | *2     |
| E5-2643 v4  | 6             | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 611    | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.8   | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.3   | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 415    | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 433    | *1     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 69.5   | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 71.3   | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 440    | *2     |
| E5-2609 v4  | 8             | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 450    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 57     | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.9   | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 638    | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 672    | *1     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 101    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 570    | *2     |
| E5-2620 v4  | 8             | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 582    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 69.3   | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.7   | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 895    | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 939    | *1     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 124    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 128    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 722    | *2     |
| E5-2667 v4  | 8             | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 738    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.3   | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63.2   | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 813    | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 852    | *1     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 673    | *2     |
| E5-2630 v4  | 10            | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 689    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 58.9   | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 707    | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 743    | *1     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 98     | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 615    | *2     |
| E5-2630L v4 | 10            | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 629    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.9   | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 68.1   | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 861    | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 902    | *1     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 119    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 696    | *2     |
| E5-2640 v4  | 10            | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 713    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.7   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60.2   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 810    | *2     |
| E5-2650 v4  | 12            | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 829    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2560 M2 (2/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.5   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.4   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 938    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 986    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90     | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.7   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 746    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 765    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.8   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 867    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 889    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1310   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 123    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 920    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 943    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.9   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.8   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1320   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1380   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 120    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 936    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 963    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.4   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.4   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 940    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 966    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.7   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1460   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1520   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 123    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 992    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1020   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.8   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.6   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1370   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1420   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 957    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 984    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.1   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73     | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1490   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1560   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 120    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1010   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1040   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.6   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.7   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1540   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1600   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.6   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73.4   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1690   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1760   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1070   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1100   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)  
\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)



# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY BX2580 M1 (1/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 210    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 217    | *2     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 191    | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 197    | *5     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.4   | *1     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 412    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 426    | *6     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 96.5   | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 100    | *4     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 380    | *7     |
| E5-2623 v3 | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 390    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 233    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 241    | *2     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 214    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 223    | *5     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.5   | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64     | *3     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 457    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 472    | *6     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 109    | *4     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 426    | *7     |
| E5-2637 v3 | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 441    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 136    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 141    | *2     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 141    | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 145    | *5     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 29.3   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.4   | *3     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 266    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 276    | *6     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 55.8   | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 57.5   | *4     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 281    | *7     |
| E5-2603 v3 | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 287    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate_base2006 | 157    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECint_rate2006      | 162    | *2     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate_base2006  | 163    | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 1     | SPECfp_rate2006       | 168    | *5     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34     | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.4   | *1     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 308    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 318    | *6     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 62.4   | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 64.6   | *4     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 325    | *7     |
| E5-2609 v3 | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 332    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 260    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 269    | *2     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 235    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 242    | *5     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.7   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.8   | *3     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 509    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 527    | *6     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 95.5   | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 101    | *4     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 468    | *7     |
| E5-2620 v3 | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 479    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 341    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 354    | *2     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 289    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 299    | *5     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.6   | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.9   | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 668    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 693    | *6     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *4     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 575    | *7     |
| E5-2643 v3 | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 592    | *7     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY BX2560 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*6 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*7 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY BX2580 M1 (2/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 341    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECint_rate2006      | 353    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 283    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 1     | SPECfp_rate2006       | 292    | *5     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 55.8   | *1     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.3   | *1     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 669    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 692    | *6     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 564    | *7     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 579    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 286    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECint_rate2006      | 296    | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 237    | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 1     | SPECfp_rate2006       | 244    | *5     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 50.9   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.1   | *3     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 560    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 581    | *6     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 89     | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 95     | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 472    | *7     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 484    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 359    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECint_rate2006      | 372    | *2     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 291    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 1     | SPECfp_rate2006       | 301    | *5     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 59.9   | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.6   | *3     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 704    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 730    | *6     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 107    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 113    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 580    | *7     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 595    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 416    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 429    | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 329    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 339    | *5     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.7   | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 66.5   | *3     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 815    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 841    | *6     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 115    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 119    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 655    | *7     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 672    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 420    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 435    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 338    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 349    | *5     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 54.6   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.9   | *3     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 823    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 852    | *6     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 107    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 673    | *7     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 691    | *7     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY BX2560 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*6 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*7 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY BX2580 M1 (3/4)

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 452    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECint_rate2006      | 468    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 352    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 1     | SPECfp_rate2006       | 364    | *5     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 58.6   | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 61.2   | *3     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 886    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 917    | *6     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 701    | *7     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 721    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate_base2006 | 396    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECint_rate2006      | 411    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 316    | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 1     | SPECfp_rate2006       | 326    | *5     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.2   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 48.5   | *1     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 776    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 805    | *6     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 87.7   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 91.6   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 628    | *7     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 645    | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 494    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 510    | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 380    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 393    | *5     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56.7   | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 59     | *3     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 968    | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *6     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *7     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 778    | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 520    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 541    | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 382    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 395    | *5     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *3     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.4   | *3     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1020   | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1060   | *6     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 760    | *7     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 782    | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 546    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 561    | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 394    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 408    | *5     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *6     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 113    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 785    | *7     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 808    | *7     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY BX2560 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*6 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*7 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

# PRIMERGY 性能情報

## SPECint2006 / SPECfp2006 測定結果一覧

### PRIMERGY BX2580 M1 (4/4)

| CPU Number | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 536    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 551    | *2     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 387    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 401    | *5     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.7   | *3     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 55.9   | *3     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1050   | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1080   | *6     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 99.5   | *4     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 104    | *4     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 771    | *7     |
| E5-2683 v3 | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 793    | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 566    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECint_rate2006      | 582    | *2     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 405    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 1     | SPECfp_rate2006       | 418    | *5     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 59.3   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61.4   | *3     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1110   | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1140   | *6     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *4     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 805    | *7     |
| E5-2695 v3 | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 828    | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 607    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 622    | *2     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 425    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 439    | *5     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.4   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *3     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1190   | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1220   | *6     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *4     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *4     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 845    | *7     |
| E5-2697 v3 | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 870    | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 622    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECint_rate2006      | 643    | *2     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 422    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 1     | SPECfp_rate2006       | 437    | *5     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 63.7   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.8   | *3     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1220   | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1260   | *6     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *4     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 839    | *7     |
| E5-2698 v3 | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 865    | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate_base2006 | 689    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECint_rate2006      | 709    | *2     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate_base2006  | 457    | *5     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 1     | SPECfp_rate2006       | 472    | *5     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.9   | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.5   | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1350   | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *6     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *4     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 909    | *7     |
| E5-2699 v3 | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 935    | *7     |

- \*1 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5, measured on PRIMERGY BX2560 M1
- \*2 Calculated for C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*3 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*4 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0, measured on PRIMERGY BX2560 M1
- \*5 Calculated for C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1
- \*6 Measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.6
- \*7 Measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.1

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2580 M2 (1/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.3   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.4   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 378    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 399    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 92     | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 95.8   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 360    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 367    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.4   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 482    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 507    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 445    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 453    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.8   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 36     | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 312    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 326    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66.5   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 68.3   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 352    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 359    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.3   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.7   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 705    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 742    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 613    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 624    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 36     | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.3   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 415    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 434    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 69.6   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 71.7   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 441    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 451    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 57.2   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.8   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 638    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 671    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 100    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 571    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 582    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 69.3   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.6   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 899    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 944    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 124    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 128    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 722    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 738    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60.2   | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 813    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 853    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 674    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 690    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59.2   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 707    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 743    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 98.2   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 616    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 630    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.8   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 68.1   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 862    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 903    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 119    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 697    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 714    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.7   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60.2   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 810    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 828    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY BX2580 M2 (2/2)

2016/10/28現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.5   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.4   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 938    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 987    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.4   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.8   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 746    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 766    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63.2   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.9   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 870    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1310   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 117    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 123    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 913    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 937    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.9   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.7   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 941    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 966    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.2   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.2   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 945    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 970    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.9   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73.2   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1530   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 996    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 66     | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.7   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1390   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1450   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 965    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 998    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.9   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73     | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1510   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1570   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 120    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.9   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.7   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1580   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1650   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1040   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1070   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.5   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 73.3   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1730   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1800   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1120   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

| PRIMERGY BX920 S3                                                                          |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon                                                                                       |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2403<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 85.5 <sup>(1)</sup>       | 89.2 <sup>(1)</sup>  |                     |                     | 87.3 <sup>(1)</sup>      | 89.8 <sup>(1)</sup> |
|                                                                                            | 2 CPU | DDR3-SDRAM | 26.6 <sup>(1)</sup>   | 28.0 <sup>(1)</sup> | 167 <sup>(1)</sup>        | 174 <sup>(1)</sup>   | 43.2 <sup>(1)</sup> | 44.8 <sup>(1)</sup> | 170 <sup>(1)</sup>       | 175 <sup>(1)</sup>  |
| Xeon E5-2407<br>2200 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 102 <sup>(1)</sup>        | 106 <sup>(1)</sup>   |                     |                     | 98.2 <sup>(1)</sup>      | 101 <sup>(1)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 32.2 <sup>(1)</sup>   | 33.7 <sup>(1)</sup> | 199 <sup>(1)</sup>        | 208 <sup>(1)</sup>   | 50.4 <sup>(1)</sup> | 52.1 <sup>(1)</sup> | 193 <sup>(1)</sup>       | 198 <sup>(1)</sup>  |
| Xeon E5-2420<br>1900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 183 <sup>(2)</sup>        | 191 <sup>(2)</sup>   |                     |                     | 148 <sup>(2)</sup>       | 152 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 35.6 <sup>(3)</sup>   | 37.9 <sup>(3)</sup> | 352 <sup>(2)</sup>        | 369 <sup>(2)</sup>   | 58.8 <sup>(2)</sup> | 61.3 <sup>(2)</sup> | 282 <sup>(2)</sup>       | 290 <sup>(2)</sup>  |
| Xeon E5-2430<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 204 <sup>(2)</sup>        | 212 <sup>(2)</sup>   |                     |                     | 158 <sup>(2)</sup>       | 162 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 39.5 <sup>(3)</sup>   | 42.0 <sup>(3)</sup> | 395 <sup>(2)</sup>        | 411 <sup>(2)</sup>   | 64.5 <sup>(2)</sup> | 67.1 <sup>(2)</sup> | 311 <sup>(2)</sup>       | 318 <sup>(2)</sup>  |
| Xeon E5-2430L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 189 <sup>(2)</sup>        | 198 <sup>(2)</sup>   |                     |                     | 151 <sup>(2)</sup>       | 155 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 36.9 <sup>(3)</sup>   | 39.3 <sup>(3)</sup> | 366 <sup>(2)</sup>        | 383 <sup>(2)</sup>   | 60.3 <sup>(2)</sup> | 62.8 <sup>(2)</sup> | 293 <sup>(2)</sup>       | 301 <sup>(2)</sup>  |
| Xeon E5-2440<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 215 <sup>(2)</sup>        | 225 <sup>(2)</sup>   |                     |                     | 164 <sup>(2)</sup>       | 168 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 42.1 <sup>(3)</sup>   | 44.9 <sup>(3)</sup> | 420 <sup>(2)</sup>        | 438 <sup>(2)</sup>   | 67.6 <sup>(2)</sup> | 70.3 <sup>(2)</sup> | 324 <sup>(2)</sup>       | 332 <sup>(2)</sup>  |
| Xeon E5-2450<br>2100 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 275 <sup>(2)</sup>        | 288 <sup>(2)</sup>   |                     |                     | 200 <sup>(2)</sup>       | 206 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 43.5 <sup>(3)</sup>   | 46.8 <sup>(3)</sup> | 535 <sup>(2)</sup>        | 556 <sup>(2)</sup>   | 72.3 <sup>(2)</sup> | 75.6 <sup>(2)</sup> | 392 <sup>(2)</sup>       | 403 <sup>(2)</sup>  |
| Xeon E5-2450L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 223 <sup>(2)</sup>        | 233 <sup>(2)</sup>   |                     |                     | 176 <sup>(2)</sup>       | 181 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 35.1 <sup>(3)</sup>   | 37.7 <sup>(3)</sup> | 426 <sup>(2)</sup>        | 445 <sup>(2)</sup>   | 59.8 <sup>(2)</sup> | 62.7 <sup>(2)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2470<br>2300 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 285 <sup>(2)</sup>        | 298 <sup>(2)</sup>   |                     |                     | 203 <sup>(2)</sup>       | 209 <sup>(2)</sup>  |
|                                                                                            | 2 CPU | DDR3-SDRAM | 46.5 <sup>(3)</sup>   | 49.9 <sup>(3)</sup> | 564 <sup>(2)</sup>        | 589 <sup>(2)</sup>   | 76.5 <sup>(2)</sup> | 79.8 <sup>(2)</sup> | 405 <sup>(2)</sup>       | 417 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on  
<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

| PRIMERGY BX920 S4                                                                             |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|-----------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                               |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon                                                                                          |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2403 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 91.3 <sup>(1)</sup>       | 94.8 <sup>(1)</sup>  |                     |                     | 99.1 <sup>(1)</sup>      | 101 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 27.7 <sup>(2)</sup>   | 29.0 <sup>(2)</sup> | 178 <sup>(2)</sup>        | 185 <sup>(2)</sup>   | 47.6 <sup>(2)</sup> | 49.0 <sup>(2)</sup> | 193 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
| Xeon E5-2407 v2<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 118 <sup>(1)</sup>        | 122 <sup>(1)</sup>   |                     |                     | 120 <sup>(1)</sup>       | 122 <sup>(1)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 36.0 <sup>(2)</sup>   | 37.8 <sup>(2)</sup> | 230 <sup>(2)</sup>        | 238 <sup>(2)</sup>   | 58.8 <sup>(2)</sup> | 60.5 <sup>(2)</sup> | 234 <sup>(2)</sup>       | 239 <sup>(2)</sup>  |
| Xeon E5-2420 v2<br>2200 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 216 <sup>(3)</sup>        | 224 <sup>(3)</sup>   |                     |                     | 180 <sup>(3)</sup>       | 185 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 41.4 <sup>(4)</sup>   | 43.9 <sup>(4)</sup> | 419 <sup>(4)</sup>        | 435 <sup>(4)</sup>   | 70.2 <sup>(4)</sup> | 72.8 <sup>(4)</sup> | 353 <sup>(4)</sup>       | 361 <sup>(4)</sup>  |
| Xeon E5-2430 v2<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 237 <sup>(3)</sup>        | 246 <sup>(3)</sup>   |                     |                     | 191 <sup>(3)</sup>       | 195 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 45.4 <sup>(4)</sup>   | 48.4 <sup>(4)</sup> | 460 <sup>(4)</sup>        | 477 <sup>(4)</sup>   | 75.6 <sup>(4)</sup> | 78.3 <sup>(4)</sup> | 374 <sup>(4)</sup>       | 383 <sup>(4)</sup>  |
| Xeon E5-2430Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 223 <sup>(3)</sup>        | 232 <sup>(3)</sup>   |                     |                     | 184 <sup>(3)</sup>       | 188 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 43.2 <sup>(4)</sup>   | 45.8 <sup>(4)</sup> | 434 <sup>(4)</sup>        | 450 <sup>(4)</sup>   | 72.2 <sup>(4)</sup> | 74.8 <sup>(4)</sup> | 361 <sup>(4)</sup>       | 370 <sup>(4)</sup>  |
| Xeon E5-2440 v2<br>1900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 252 <sup>(3)</sup>        | 261 <sup>(3)</sup>   |                     |                     | 199 <sup>(3)</sup>       | 205 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 38.3 <sup>(4)</sup>   | 41.1 <sup>(4)</sup> | 490 <sup>(4)</sup>        | 509 <sup>(4)</sup>   | 67.6 <sup>(4)</sup> | 70.0 <sup>(4)</sup> | 391 <sup>(4)</sup>       | 401 <sup>(4)</sup>  |
| Xeon E5-2450 v2<br>2500 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1 CPU | DDR3-SDRAM |                       |                     | 312 <sup>(3)</sup>        | 322 <sup>(3)</sup>   |                     |                     | 226 <sup>(3)</sup>       | 232 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 50.9 <sup>(4)</sup>   | 55.1 <sup>(4)</sup> | 607 <sup>(4)</sup>        | 627 <sup>(4)</sup>   | 83.7 <sup>(4)</sup> | 87.2 <sup>(4)</sup> | 444 <sup>(4)</sup>       | 455 <sup>(4)</sup>  |
| Xeon E5-2450Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 60 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 271 <sup>(3)</sup>        | 281 <sup>(3)</sup>   |                     |                     | 208 <sup>(3)</sup>       | 214 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 34.7 <sup>(4)</sup>   | 37.0 <sup>(4)</sup> | 529 <sup>(4)</sup>        | 548 <sup>(4)</sup>   | 62.1 <sup>(4)</sup> | 64.5 <sup>(4)</sup> | 409 <sup>(4)</sup>       | 420 <sup>(4)</sup>  |
| Xeon E5-2470 v2<br>2400 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt | 1 CPU | DDR3-SDRAM |                       |                     | 362 <sup>(3)</sup>        | 373 <sup>(3)</sup>   |                     |                     | 245 <sup>(3)</sup>       | 252 <sup>(3)</sup>  |
|                                                                                               | 2 CPU | DDR3-SDRAM | 50.3 <sup>(4)</sup>   | 54.4 <sup>(4)</sup> | 705 <sup>(4)</sup>        | 727 <sup>(4)</sup>   | 83.3 <sup>(4)</sup> | 86.9 <sup>(4)</sup> | 485 <sup>(4)</sup>       | 498 <sup>(4)</sup>  |

<sup>(1)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, measured on PRIMERGY RX2520 M1  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(3)</sup> Calculated for Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on, measured on PRIMERGY RX2520 M1  
<sup>(4)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on



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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY BX924 S3, Xeon (1/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 85.9 <sup>(1)</sup>       | 89.5 <sup>(1)</sup>  |                     |                     | 90.3 <sup>(1)</sup>      | 93.1 <sup>(1)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 26.7 <sup>(1)</sup>   | 27.9 <sup>(1)</sup> | 168 <sup>(1)</sup>        | 175 <sup>(1)</sup>   | 44.9 <sup>(1)</sup> | 46.8 <sup>(1)</sup> | 177 <sup>(1)</sup>       | 183 <sup>(1)</sup>  |
| Xeon E5-2609<br>2400 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 111 <sup>(1)</sup>        | 115 <sup>(1)</sup>   |                     |                     | 111 <sup>(1)</sup>       | 114 <sup>(1)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 34.9 <sup>(1)</sup>   | 36.5 <sup>(1)</sup> | 217 <sup>(1)</sup>        | 226 <sup>(1)</sup>   | 56.4 <sup>(1)</sup> | 58.7 <sup>(1)</sup> | 217 <sup>(1)</sup>       | 223 <sup>(1)</sup>  |
| Xeon E5-2620<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 201 <sup>(2)</sup>   |                     |                     | 165 <sup>(2)</sup>       | 169 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.8 <sup>(3)</sup>   | 39.1 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 60.6 <sup>(3)</sup> | 63.8 <sup>(3)</sup> | 326 <sup>(2)</sup>       | 334 <sup>(2)</sup>  |
| Xeon E5-2630<br>2300 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 214 <sup>(2)</sup>        | 224 <sup>(2)</sup>   |                     |                     | 178 <sup>(2)</sup>       | 183 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 40.9 <sup>(3)</sup>   | 43.5 <sup>(3)</sup> | 419 <sup>(2)</sup>        | 437 <sup>(2)</sup>   | 67.2 <sup>(3)</sup> | 70.7 <sup>(3)</sup> | 353 <sup>(2)</sup>       | 362 <sup>(2)</sup>  |
| Xeon E5-2630L<br>2000 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 193 <sup>(2)</sup>        | 202 <sup>(2)</sup>   |                     |                     | 166 <sup>(2)</sup>       | 170 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 36.9 <sup>(3)</sup>   | 39.2 <sup>(3)</sup> | 377 <sup>(2)</sup>        | 393 <sup>(2)</sup>   | 61.6 <sup>(3)</sup> | 65.0 <sup>(3)</sup> | 328 <sup>(2)</sup>       | 336 <sup>(2)</sup>  |
| Xeon E5-2637<br>3000 MHz<br>2 Cores<br>256 kB SLC per core<br>5120 kB TLC<br>TDP 80 Watt   | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 97.0 <sup>(2)</sup>       | 101 <sup>(2)</sup>   |                     |                     | 91.3 <sup>(2)</sup>      | 94.6 <sup>(2)</sup> |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.1 <sup>(3)</sup>   | 47.6 <sup>(3)</sup> | 188 <sup>(2)</sup>        | 197 <sup>(2)</sup>   | 66.1 <sup>(3)</sup> | 68.1 <sup>(3)</sup> | 179 <sup>(2)</sup>       | 185 <sup>(2)</sup>  |
| Xeon E5-2640<br>2500 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 237 <sup>(2)</sup>   |                     |                     | 184 <sup>(2)</sup>       | 189 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 44.0 <sup>(3)</sup>   | 46.6 <sup>(3)</sup> | 443 <sup>(2)</sup>        | 463 <sup>(2)</sup>   | 70.4 <sup>(3)</sup> | 74.1 <sup>(3)</sup> | 364 <sup>(2)</sup>       | 373 <sup>(2)</sup>  |
| Xeon E5-2643<br>3300 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 181 <sup>(2)</sup>        | 189 <sup>(2)</sup>   |                     |                     | 161 <sup>(2)</sup>       | 165 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.2 <sup>(3)</sup>   | 51.9 <sup>(3)</sup> | 361 <sup>(2)</sup>        | 378 <sup>(2)</sup>   | 77.7 <sup>(3)</sup> | 81.3 <sup>(3)</sup> | 323 <sup>(2)</sup>       | 331 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

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|                                                                                            |          |                | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|--------------------------------------------------------------------------------------------|----------|----------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                            |          |                | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| <b>PRIMERGY BX924 S3, Xeon (2/2)</b>                                                       |          |                |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2650<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 264 <sup>(2)</sup>        | 277 <sup>(2)</sup>   |                     |                     | 212 <sup>(2)</sup>       | 218 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 42.1 <sup>(3)</sup>   | 45.4 <sup>(3)</sup> | 517 <sup>(2)</sup>        | 540 <sup>(2)</sup>   | 68.3 <sup>(3)</sup> | 72.7 <sup>(3)</sup> | 420 <sup>(2)</sup>       | 431 <sup>(2)</sup>  |
| Xeon E5-2650L<br>1800 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 70 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 227 <sup>(2)</sup>        | 237 <sup>(2)</sup>   |                     |                     | 191 <sup>(2)</sup>       | 196 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 35.1 <sup>(3)</sup>   | 37.6 <sup>(3)</sup> | 441 <sup>(2)</sup>        | 461 <sup>(2)</sup>   | 59.3 <sup>(3)</sup> | 63.1 <sup>(3)</sup> | 377 <sup>(2)</sup>       | 386 <sup>(2)</sup>  |
| Xeon E5-2660<br>2200 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt  | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 291 <sup>(2)</sup>        | 303 <sup>(2)</sup>   |                     |                     | 224 <sup>(2)</sup>       | 231 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 45.4 <sup>(3)</sup>   | 48.6 <sup>(3)</sup> | 568 <sup>(2)</sup>        | 593 <sup>(2)</sup>   | 71.8 <sup>(3)</sup> | 75.9 <sup>(3)</sup> | 445 <sup>(2)</sup>       | 458 <sup>(2)</sup>  |
| Xeon E5-2667<br>2900 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 259 <sup>(2)</sup>        | 269 <sup>(2)</sup>   |                     |                     | 211 <sup>(2)</sup>       | 217 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 50.8 <sup>(3)</sup>   | 54.2 <sup>(3)</sup> | 503 <sup>(2)</sup>        | 527 <sup>(2)</sup>   | 80.8 <sup>(3)</sup> | 85.2 <sup>(3)</sup> | 418 <sup>(2)</sup>       | 429 <sup>(2)</sup>  |
| Xeon E5-2670<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 115 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 317 <sup>(2)</sup>        | 330 <sup>(2)</sup>   |                     |                     | 237 <sup>(2)</sup>       | 244 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 49.8 <sup>(3)</sup>   | 53.2 <sup>(3)</sup> | 619 <sup>(2)</sup>        | 645 <sup>(2)</sup>   | 77.0 <sup>(3)</sup> | 81.3 <sup>(3)</sup> | 469 <sup>(2)</sup>       | 484 <sup>(2)</sup>  |
| Xeon E5-2680<br>2700 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 130 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 327 <sup>(2)</sup>        | 340 <sup>(2)</sup>   |                     |                     | 241 <sup>(2)</sup>       | 249 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 52.3 <sup>(3)</sup>   | 56.1 <sup>(3)</sup> | 639 <sup>(2)</sup>        | 666 <sup>(2)</sup>   | 79.6 <sup>(3)</sup> | 84.4 <sup>(3)</sup> | 479 <sup>(2)</sup>       | 493 <sup>(2)</sup>  |
| Xeon E5-2690<br>2900 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 135 Watt | 1<br>CPU | DDR3-<br>SDRAM |                       |                     | 342 <sup>(2)</sup>        | 356 <sup>(2)</sup>   |                     |                     | 248 <sup>(2)</sup>       | 256 <sup>(2)</sup>  |
|                                                                                            | 2<br>CPU | DDR3-<br>SDRAM | 56.0 <sup>(3)</sup>   | 60.8 <sup>(3)</sup> | 669 <sup>(2)</sup>        | 697 <sup>(2)</sup>   | 88.3 <sup>(3)</sup> | 93.2 <sup>(3)</sup> | 493 <sup>(2)</sup>       | 508 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2

<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading on

<sup>(3)</sup> Measurement taken with Intel C++/Fortran Compiler 12.1, Red Hat Enterprise Linux Server release 6.2, hyperthreading off

| PRIMERGY BX924 S4                                                                              |       |            | CPU/Memory benchmarks |                     |                           |                      |                     |                     |                          |                     |
|------------------------------------------------------------------------------------------------|-------|------------|-----------------------|---------------------|---------------------------|----------------------|---------------------|---------------------|--------------------------|---------------------|
|                                                                                                |       |            | SPECint_base<br>2006  | SPECint<br>2006     | SPECint_rate_base<br>2006 | SPECint_rate<br>2006 | SPECfp_base<br>2006 | SPECfp<br>2006      | SPECfp_rate_base<br>2006 | SPECfp_rate<br>2006 |
| Xeon                                                                                           |       |            |                       |                     |                           |                      |                     |                     |                          |                     |
| Xeon E5-2603 v2<br>1800 MHz<br>4 Cores<br>256 kB SLC per core<br>10240 kB TLC<br>TDP 80 Watt   | 2 CPU | DDR3-SDRAM |                       |                     | 179 <sup>(1)</sup>        | 185 <sup>(1)</sup>   |                     |                     | 199 <sup>(1)</sup>       | 203 <sup>(1)</sup>  |
| Xeon E5-2620 v2<br>2100 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt   | 2 CPU | DDR3-SDRAM | 40.3 <sup>(2)</sup>   | 42.7 <sup>(2)</sup> | 413 <sup>(2)</sup>        | 428 <sup>(2)</sup>   | 72.8 <sup>(2)</sup> | 75.7 <sup>(2)</sup> | 378 <sup>(2)</sup>       | 386 <sup>(2)</sup>  |
| Xeon E5-2630 v2<br>2600 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 80 Watt   | 2 CPU | DDR3-SDRAM |                       |                     | 484 <sup>(2)</sup>        | 502 <sup>(2)</sup>   | 83.0 <sup>(2)</sup> | 85.9 <sup>(2)</sup> | 423 <sup>(2)</sup>       | 432 <sup>(2)</sup>  |
| Xeon E5-2630Lv2<br>2400 MHz<br>6 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 60 Watt   | 2 CPU | DDR3-SDRAM |                       |                     | 442 <sup>(2)</sup>        | 459 <sup>(2)</sup>   | 77.1 <sup>(2)</sup> | 80.0 <sup>(2)</sup> | 397 <sup>(2)</sup>       | 406 <sup>(2)</sup>  |
| Xeon E5-2637 v2<br>3500 MHz<br>4 Cores<br>256 kB SLC per core<br>15360 kB TLC<br>TDP 130 Watt  | 2 CPU | DDR3-SDRAM |                       |                     | 411 <sup>(2)</sup>        | 428 <sup>(2)</sup>   | 94.1 <sup>(2)</sup> | 97.5 <sup>(2)</sup> | 383 <sup>(2)</sup>       | 394 <sup>(2)</sup>  |
| Xeon E5-2640 v2<br>2000 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt   | 2 CPU | DDR3-SDRAM | 40.1 <sup>(2)</sup>   | 42.7 <sup>(2)</sup> | 520 <sup>(2)</sup>        | 540 <sup>(2)</sup>   | 74.4 <sup>(2)</sup> | 77.3 <sup>(2)</sup> | 448 <sup>(2)</sup>       | 458 <sup>(2)</sup>  |
| Xeon E5-2643 v2<br>3500 MHz<br>6 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 2 CPU | DDR3-SDRAM | 59.3 <sup>(2)</sup>   | 63.3 <sup>(2)</sup> | 610 <sup>(2)</sup>        | 635 <sup>(2)</sup>   | 101 <sup>(2)</sup>  | 105 <sup>(2)</sup>  | 517 <sup>(2)</sup>       | 530 <sup>(2)</sup>  |
| Xeon E5-2650 v2<br>2600 MHz<br>8 Cores<br>256 kB SLC per core<br>20480 kB TLC<br>TDP 95 Watt   | 2 CPU | DDR3-SDRAM | 52.4 <sup>(2)</sup>   | 56.4 <sup>(2)</sup> | 658 <sup>(2)</sup>        | 682 <sup>(2)</sup>   | 95.2 <sup>(2)</sup> | 99.5 <sup>(2)</sup> | 543 <sup>(2)</sup>       | 556 <sup>(2)</sup>  |
| Xeon E5-2650Lv2<br>1700 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 70 Watt  | 2 CPU | DDR3-SDRAM |                       |                     | 542 <sup>(2)</sup>        | 563 <sup>(2)</sup>   | 66.9 <sup>(2)</sup> | 69.7 <sup>(2)</sup> | 459 <sup>(2)</sup>       | 470 <sup>(2)</sup>  |
| Xeon E5-2660 v2<br>2200 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 95 Watt  | 2 CPU | DDR3-SDRAM | 48.1 <sup>(2)</sup>   | 51.8 <sup>(2)</sup> | 716 <sup>(2)</sup>        | 743 <sup>(2)</sup>   | 88.3 <sup>(2)</sup> | 92.4 <sup>(2)</sup> | 570 <sup>(2)</sup>       | 585 <sup>(2)</sup>  |
| Xeon E5-2667 v2<br>3300 MHz<br>8 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 130 Watt  | 2 CPU | DDR3-SDRAM |                       |                     | 776 <sup>(2)</sup>        | 806 <sup>(2)</sup>   |                     |                     | 594 <sup>(2)</sup>       | 610 <sup>(2)</sup>  |
| Xeon E5-2670 v2<br>2500 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 2 CPU | DDR3-SDRAM | 53.0 <sup>(2)</sup>   | 56.9 <sup>(2)</sup> | 782 <sup>(2)</sup>        | 810 <sup>(2)</sup>   | 94.8 <sup>(2)</sup> | 99.1 <sup>(2)</sup> | 602 <sup>(2)</sup>       | 618 <sup>(2)</sup>  |
| Xeon E5-2680 v2<br>2800 MHz<br>10 Cores<br>256 kB SLC per core<br>25600 kB TLC<br>TDP 115 Watt | 2 CPU | DDR3-SDRAM |                       |                     | 823 <sup>(2)</sup>        | 852 <sup>(2)</sup>   | 100 <sup>(2)</sup>  | 105 <sup>(2)</sup>  | 621 <sup>(2)</sup>       | 638 <sup>(2)</sup>  |

<sup>(1)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4  
<sup>(2)</sup> Measurement taken with Intel C++/Fortran Compiler 14.0, Red Hat Enterprise Linux Server release 6.4, hyperthreading on

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2550 M1(1/2)

2015/2/6現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *2     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 58.7   | *2     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 411    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 425    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 96.2   | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 99.7   | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 374    | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 385    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.8   | *2     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.3   | *2     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 451    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 468    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 109    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 427    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 441    | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 29.3   | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.5   | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 267    | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 275    | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 55.5   | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 57.2   | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 283    | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 290    | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.7   | *2     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.1   | *2     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 307    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 318    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 62.5   | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 64.5   | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 327    | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 335    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.1   | *2     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.4   | *2     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 506    | *1     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 523    | *1     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 95     | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 464    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 475    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 64.4   | *2     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67.2   | *2     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 669    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 693    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 576    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 592    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59     | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 658    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 686    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 565    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 580    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 51.4   | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.5   | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 558    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 577    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 89.8   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 95.9   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 470    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 482    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.8   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.3   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 704    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 729    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 109    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 581    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 594    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.3   | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.1   | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 815    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 843    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 652    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 669    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 54     | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.3   | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 818    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 853    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 107    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 679    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 698    | *4     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2550 M1 (2/2)

2015/2/6現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.6   | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.7   | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 883    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 916    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 700    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 719    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_base2006      | 61.4   | *2     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint2006           | 64.1   | *2     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 954    | *1     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_rate2006      | 982    | *1     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_base2006       | 115    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 743    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_rate2006       | 764    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.2   | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 47.9   | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 777    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 810    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.1   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 92     | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 636    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 655    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 58.9   | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 970    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 752    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 773    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.3   | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1030   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1060   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 768    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 789    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.6   | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.2   | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1110   | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 119    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 790    | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 814    | *3     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.5   | *2     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 55.8   | *2     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 99.9   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 104    | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 796    | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 820    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.5   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61     | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1110   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1150   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 807    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 830    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *2     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 65.6   | *2     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1200   | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1240   | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 844    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 868    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.9   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.7   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1230   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1280   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 865    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.9   | *2     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.1   | *2     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1350   | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 905    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 933    | *4     |

\*1 measurement taken with G/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux; Red Hat Enterprise Linux Server release 6.5

\*2 measurement taken with G/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Red Hat Enterprise Linux Server release 7.0

\*3 measurement taken with G/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux; Red Hat Enterprise Linux Server release 6.5

\*4 measurement taken with G/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux; Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2550 M2 (1/2)

2016/11/7現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.3   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 378    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 398    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91.8   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 95.6   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 359    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 366    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.5   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 481    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 507    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 445    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 454    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.6   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 312    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 326    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66.5   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 68.3   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 352    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 360    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.2   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.6   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 705    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 741    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 613    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 624    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.8   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.1   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 414    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 433    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 69.6   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 71.6   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 440    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 450    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 57.1   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.7   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 636    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 670    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 100    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 570    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 582    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.8   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.5   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 898    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 944    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 123    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 128    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 722    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 739    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 812    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 852    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 673    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 689    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.3   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59     | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 705    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 741    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 98.4   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 611    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 624    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.8   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.9   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 861    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 902    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 119    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 682    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 700    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_base2006      | 68.9   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint2006           | 72.1   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_rate2006      | 1120   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 797    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_rate2006       | 816    | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2550 M2 (2/2)

2016/11/7現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.6   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60     | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 809    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 828    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_base2006      | 67.4   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint2006           | 70.7   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1190   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_rate2006      | 1250   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_base2006       | 122    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 896    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_rate2006       | 918    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.4   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.2   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 935    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 983    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.1   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.7   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 745    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 764    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63     | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 870    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 947    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.7   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.5   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 936    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 961    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.4   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 946    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 971    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.7   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.8   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1530   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 123    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1000   | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.4   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1400   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1460   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 971    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 999    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1510   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1570   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.4   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.4   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1580   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1640   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1040   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1070   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.1   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1740   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1810   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1120   | *2     |

\*1 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

\*2 Measurement taken with C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64)

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2550 M4

2019/2/26現在

| CPU Number     | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyperthreading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|----------------|--------------|-----------|------|-------|-----|----------------|----------|-------|-----------------------|--------|--------|
| Gold 6128      | 6            | 3400      | 1024 | 19712 | 115 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 819    | *4     |
| Gold 6128      | 6            | 3400      | 1024 | 19712 | 115 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *2     |
| Gold 6134      | 8            | 3200      | 1024 | 25344 | 130 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1056   | *4     |
| Gold 6134      | 8            | 3200      | 1024 | 25344 | 130 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 939    | *2     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1056   | *4     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 939    | *2     |
| Gold 5115      | 10           | 2400      | 1024 | 14080 | 85  | on             | DDR4X    | 2     | SPECint_rate_base2006 | 998    | *3     |
| Gold 5115      | 10           | 2400      | 1024 | 14080 | 85  | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 829    | *1     |
| Gold 5118      | 12           | 2300      | 1024 | 16896 | 105 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1200   | *3     |
| Gold 5118      | 12           | 2300      | 1024 | 16896 | 105 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 963    | *1     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1305   | *4     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1096   | *2     |
| Gold 6136      | 12           | 3000      | 1024 | 25344 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1474   | *4     |
| Gold 6136      | 12           | 3000      | 1024 | 25344 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1193   | *2     |
| Gold 5120      | 14           | 2200      | 1024 | 19712 | 105 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *3     |
| Gold 5120      | 14           | 2200      | 1024 | 19712 | 105 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1050   | *1     |
| Gold 6132      | 14           | 2600      | 1024 | 19712 | 140 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1534   | *4     |
| Gold 6132      | 14           | 2600      | 1024 | 19712 | 140 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1213   | *2     |
| Gold 6130      | 16           | 2100      | 1024 | 22528 | 125 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1554   | *4     |
| Gold 6130      | 16           | 2100      | 1024 | 22528 | 125 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1232   | *2     |
| Gold 6142      | 16           | 2600      | 1024 | 22528 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1703   | *4     |
| Gold 6142      | 16           | 2600      | 1024 | 22528 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1310   | *2     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1703   | *4     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1310   | *2     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1364   | *4     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1135   | *2     |
| Gold 6140      | 18           | 2300      | 1024 | 25344 | 140 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1753   | *4     |
| Gold 6140      | 18           | 2300      | 1024 | 25344 | 140 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1339   | *2     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1753   | *4     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1339   | *2     |
| Gold 6154      | 18           | 3000      | 1024 | 25344 | 200 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2081   | *4     |
| Gold 6154      | 18           | 3000      | 1024 | 25344 | 200 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1475   | *2     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1763   | *4     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1349   | *2     |
| Gold 6148      | 20           | 2400      | 1024 | 28160 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1932   | *4     |
| Gold 6148      | 20           | 2400      | 1024 | 28160 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1426   | *2     |
| Gold 6152      | 22           | 2100      | 1024 | 30976 | 140 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 1982   | *4     |
| Gold 6152      | 22           | 2100      | 1024 | 30976 | 140 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1446   | *2     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2161   | *4     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1514   | *2     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2161   | *4     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1514   | *2     |
| Platinum 8168  | 24           | 2700      | 1024 | 33792 | 205 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2450   | *4     |
| Platinum 8168  | 24           | 2700      | 1024 | 33792 | 205 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1600   | *2     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2211   | *4     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1543   | *2     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2301   | *4     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1581   | *2     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2490   | *6     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1650   | *5     |
| Platinum 8180  | 28           | 2500      | 1024 | 39424 | 205 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2659   | *4     |
| Platinum 8180  | 28           | 2500      | 1024 | 39424 | 205 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1717   | *2     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on             | DDR4X    | 2     | SPECint_rate_base2006 | 2659   | *4     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on             | DDR4X    | 2     | SPECfp_rate_base2006  | 1717   | *2     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C/C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 4.4.21-69-default

\*2 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*3 Calculated for C/C++: Version 18.0.0.128 of Intel C/C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 4.4.21-69-default

\*4 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*5 Measurement taken with C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

\*6 Measurement taken with C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)



PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2560 M4

2019/2/26現在

| CPU NUmber     | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|----------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *2     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 929    | *1     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1340   | *4     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate2006      | 1410   | *4     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1080   | *3     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1100   | *3     |
| Gold 5119T     | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1200   | *4     |
| Gold 5119T     | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 975    | *3     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1730   | *2     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1291   | *1     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1750   | *2     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1319   | *1     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2160   | *2     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1491   | *1     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2510   | *4     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1660   | *3     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*3 Measurement taken with C/C++: Version 17.0.3.191 of Intel C/C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 4.4.21-69-default  
\*4 Measurement taken with C/C++: Version 18.0.0.128 of Intel C/C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 4.4.21-69-default

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2570 M1 (1/2)

2015/2/6現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *2     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint2006           | 58.7   | *2     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 411    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 425    | *1     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 96.2   | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 99.7   | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 374    | *4     |
| E5-2623 v3  | 4            | 3000      | 256 | 10240 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 385    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 61.8   | *2     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 64.3   | *2     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 451    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 468    | *1     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 109    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 427    | *4     |
| E5-2637 v3  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 441    | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 29.3   | *3     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 30.5   | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 267    | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 275    | *2     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 55.5   | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 57.2   | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 283    | *4     |
| E5-2603 v3  | 6            | 1600      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 290    | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 33.7   | *2     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.1   | *2     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 307    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 318    | *1     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 62.5   | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 64.5   | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 327    | *4     |
| E5-2609 v3  | 6            | 1900      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 335    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 54.1   | *2     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint2006           | 56.4   | *2     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 506    | *1     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 523    | *1     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 95     | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 100    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 464    | *4     |
| E5-2620 v3  | 6            | 2400      | 256 | 15360 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 475    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 64.4   | *2     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 67.2   | *2     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 669    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 693    | *1     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 576    | *4     |
| E5-2643 v3  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 592    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59     | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 658    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 686    | *2     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 102    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 108    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 565    | *4     |
| E5-2630 v3  | 8            | 2400      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 580    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 51.4   | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint2006           | 53.5   | *2     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 558    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 577    | *1     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 89.8   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 95.9   | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 470    | *4     |
| E5-2630L v3 | 8            | 1800      | 256 | 20480 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 482    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 58.8   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint2006           | 62.3   | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 704    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 729    | *1     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 104    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 109    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 581    | *4     |
| E5-2640 v3  | 8            | 2600      | 256 | 20480 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 594    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.3   | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.1   | *2     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 815    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 843    | *1     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 652    | *4     |
| E5-2667 v3  | 8            | 3200      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 669    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 54     | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 56.3   | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 818    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 853    | *2     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 103    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 107    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 679    | *4     |
| E5-2650 v3  | 10           | 2300      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 698    | *4     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

**PRIMERGY 性能情報**  
**SPECint2006 / SPECfp2006 測定結果一覧**

**PRIMERGY CX2570 M1 (2/2)**

2015/2/6現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.6   | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint2006           | 59.7   | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 883    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 916    | *2     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 114    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 700    | *4     |
| E5-2660 v3  | 10           | 2600      | 256 | 25600 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 719    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_base2006      | 61.4   | *2     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint2006           | 64.1   | *2     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 954    | *1     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECint_rate2006      | 982    | *1     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_base2006       | 115    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp2006            | 121    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 743    | *4     |
| E5-2687W v3 | 10           | 3100      | 256 | 25600 | 160 | on              | DDR4X    | 2     | SPECfp_rate2006       | 764    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 46.2   | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint2006           | 47.9   | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 777    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 810    | *2     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 88.1   | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 92     | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 636    | *4     |
| E5-2650L v3 | 12           | 1800      | 256 | 30720 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 655    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 56.6   | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 58.9   | *2     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 970    | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1000   | *1     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 752    | *4     |
| E5-2670 v3  | 12           | 2300      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 773    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint2006           | 62.3   | *2     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1030   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1060   | *1     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 115    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 768    | *4     |
| E5-2680 v3  | 12           | 2500      | 256 | 30720 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 789    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.6   | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.2   | *2     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1080   | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1110   | *1     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 114    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 119    | *4     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 790    | *3     |
| E5-2690 v3  | 12           | 2600      | 256 | 30720 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 814    | *3     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 53.5   | *2     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 55.8   | *2     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1100   | *1     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 99.9   | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 104    | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 796    | *4     |
| E5-2683 v3  | 14           | 2000      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 820    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 58.5   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 61     | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1110   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1150   | *2     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 105    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 110    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 807    | *4     |
| E5-2695 v3  | 14           | 2300      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 830    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 62.8   | *2     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint2006           | 65.6   | *2     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1200   | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1240   | *1     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 844    | *4     |
| E5-2697 v3  | 14           | 2600      | 256 | 35840 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 868    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 62.9   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint2006           | 65.7   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1230   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1280   | *2     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 865    | *4     |
| E5-2698 v3  | 16           | 2300      | 256 | 40960 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 63.9   | *2     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 66.1   | *2     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1350   | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 905    | *4     |
| E5-2699 v3  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 933    | *4     |

\*1 measurement taken with C/C++: Version 14.0.0.080 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*2 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

\*3 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 6.5

\*4 measurement taken with C/C++: Version 15.0.0.090 of Intel C++ Studio XE for Linux; Fortran: Version 15.0.0.090 of Intel Fortran Studio XE for Linux, Red Hat Enterprise Linux Server release 7.0

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2570 M2 (1/2)

2016/11/7現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 56.2   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint2006           | 58.3   | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 378    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 398    | *1     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 91.8   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 95.6   | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 359    | *2     |
| E5-2623 v4  | 4            | 2600      | 256 | 10240 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 366    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 65.5   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 481    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 507    | *1     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 109    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 113    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 445    | *2     |
| E5-2637 v4  | 4            | 3500      | 256 | 15360 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 454    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 34.6   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 35.9   | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 312    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 326    | *1     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 66.5   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 68.3   | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 352    | *2     |
| E5-2603 v4  | 6            | 1700      | 256 | 15360 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 360    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.2   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.6   | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 705    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 741    | *1     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 613    | *2     |
| E5-2643 v4  | 6            | 3400      | 256 | 20480 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 624    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_base2006      | 35.8   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint2006           | 37.1   | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 414    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECint_rate2006      | 433    | *1     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_base2006       | 69.6   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp2006            | 71.6   | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 440    | *2     |
| E5-2609 v4  | 8            | 1700      | 256 | 20480 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate2006       | 450    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 57.1   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint2006           | 59.7   | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 636    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 670    | *1     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 100    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 106    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 570    | *2     |
| E5-2620 v4  | 8            | 2100      | 256 | 20480 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 582    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.8   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.5   | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 898    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 944    | *1     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 123    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 128    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 722    | *2     |
| E5-2667 v4  | 8            | 3200      | 256 | 25600 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 739    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_base2006      | 60     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint2006           | 63     | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 812    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECint_rate2006      | 852    | *1     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_base2006       | 106    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 673    | *2     |
| E5-2630 v4  | 10           | 2200      | 256 | 25600 | 85  | on              | DDR4X    | 2     | SPECfp_rate2006       | 689    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_base2006      | 56.3   | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint2006           | 59     | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 705    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECint_rate2006      | 741    | *1     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_base2006       | 98.4   | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp2006            | 105    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 611    | *2     |
| E5-2630L v4 | 10           | 1800      | 256 | 25600 | 55  | on              | DDR4X    | 2     | SPECfp_rate2006       | 624    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_base2006      | 64.8   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint2006           | 67.9   | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 861    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECint_rate2006      | 902    | *1     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_base2006       | 112    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp2006            | 119    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 682    | *2     |
| E5-2640 v4  | 10           | 2400      | 256 | 25600 | 90  | on              | DDR4X    | 2     | SPECfp_rate2006       | 700    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_base2006      | 68.9   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint2006           | 72.1   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1070   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECint_rate2006      | 1120   | *1     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp2006            | 124    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 797    | *2     |
| E5-2689 v4  | 10           | 3100      | 256 | 25600 | 165 | on              | DDR4X    | 2     | SPECfp_rate2006       | 816    | *2     |

\*1 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY CX2550 M2  
\*2 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY CX2550 M2

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2570 M2 (2/2)

2016/11/7現在

| CPU Number  | # Cores /CPU | CPU Speed | SLC | TLC   | TDP | Hyper Threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|-------------|--------------|-----------|-----|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 57.6   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint2006           | 60     | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1000   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1050   | *1     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 108    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 112    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 809    | *2     |
| E5-2650 v4  | 12           | 2200      | 256 | 30720 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 828    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_base2006      | 67.4   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint2006           | 70.7   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1190   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECint_rate2006      | 1250   | *1     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_base2006       | 122    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 896    | *2     |
| E5-2687W v4 | 12           | 3000      | 256 | 30720 | 160 | on              | DDR4X    | 2     | SPECfp_rate2006       | 918    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_base2006      | 51.4   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint2006           | 53.2   | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 935    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECint_rate2006      | 983    | *1     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_base2006       | 90.1   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp2006            | 95.7   | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 745    | *2     |
| E5-2650L v4 | 14           | 1700      | 256 | 35840 | 65  | on              | DDR4X    | 2     | SPECfp_rate2006       | 764    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_base2006      | 63     | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint2006           | 65.4   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1120   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECint_rate2006      | 1170   | *1     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_base2006       | 111    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp2006            | 118    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 870    | *2     |
| E5-2660 v4  | 14           | 2000      | 256 | 35840 | 105 | on              | DDR4X    | 2     | SPECfp_rate2006       | 892    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.4   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint2006           | 68.3   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1260   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1320   | *1     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 116    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 122    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 923    | *2     |
| E5-2680 v4  | 14           | 2400      | 256 | 35840 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 947    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 68.7   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint2006           | 71.5   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1390   | *1     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 125    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 936    | *2     |
| E5-2690 v4  | 14           | 2600      | 256 | 35840 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 961    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 61.4   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint2006           | 63.1   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1310   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1370   | *1     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 116    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 946    | *2     |
| E5-2683 v4  | 16           | 2100      | 256 | 40960 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 971    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.7   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.8   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1470   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1530   | *1     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 123    | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1000   | *2     |
| E5-2697A v4 | 16           | 2600      | 256 | 40960 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1030   | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_base2006      | 65.6   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint2006           | 67.4   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1400   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECint_rate2006      | 1460   | *1     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_base2006       | 110    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp2006            | 117    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 971    | *2     |
| E5-2695 v4  | 18           | 2100      | 256 | 46080 | 120 | on              | DDR4X    | 2     | SPECfp_rate2006       | 999    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 70.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.8   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1510   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1570   | *1     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 119    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 127    | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1020   | *2     |
| E5-2697 v4  | 18           | 2300      | 256 | 46080 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1050   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_base2006      | 70.4   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint2006           | 72.4   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1580   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECint_rate2006      | 1640   | *1     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1040   | *2     |
| E5-2698 v4  | 20           | 2200      | 256 | 51200 | 135 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1070   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_base2006      | 71.1   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint2006           | 72.9   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1740   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECint_rate2006      | 1810   | *1     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_base2006       | 118    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp2006            | 126    | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1090   | *2     |
| E5-2699 v4  | 22           | 2200      | 256 | 56320 | 145 | on              | DDR4X    | 2     | SPECfp_rate2006       | 1120   | *2     |

\*1 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY CX2550 M2

\*2 Calculated for C/C++: Version 16.0.0.101 of Intel C++ Studio XE; Fortran: Version 16.0.0.101 of Intel Fortran, SUSE Linux Enterprise Server 12 SP1 (x86\_64), measured on PRIMERGY CX2550 M2

PRIMERGY 性能情報  
SPECint2006 / SPECfp2006 測定結果一覧

PRIMERGY CX2570 M4

2019/2/26現在

| CPU NUmber     | # Cores /CPU | CPU Speed | SLC  | TLC   | TDP | Hyper threading | RAM Type | # CPU | Benchmark             | ValueA | Remark |
|----------------|--------------|-----------|------|-------|-----|-----------------|----------|-------|-----------------------|--------|--------|
| Gold 5122      | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 571    | *2     |
| Gold 5122      | 4            | 3600      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 538    | *1     |
| Bronze 3104    | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 327    | *2     |
| Bronze 3104    | 6            | 1700      | 1024 | 8448  | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 353    | *1     |
| Gold 6128      | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 819    | *2     |
| Gold 6128      | 6            | 3400      | 1024 | 19712 | 115 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 757    | *1     |
| Bronze 3106    | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECint_rate_base2006 | 434    | *2     |
| Bronze 3106    | 8            | 1700      | 1024 | 11264 | 85  | n/a             | DDR4X    | 2     | SPECfp_rate_base2006  | 464    | *1     |
| Gold 6134      | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1056   | *2     |
| Gold 6134      | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 939    | *1     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1056   | *2     |
| Gold 6134M     | 8            | 3200      | 1024 | 25344 | 130 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 939    | *1     |
| Gold 6144      | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1150   | *2     |
| Gold 6144      | 8            | 3500      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 966    | *1     |
| Silver 4108    | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 633    | *2     |
| Silver 4108    | 8            | 1800      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 614    | *1     |
| Silver 4110    | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 708    | *2     |
| Silver 4110    | 8            | 2100      | 1024 | 11264 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 651    | *1     |
| Gold 5115      | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 998    | *2     |
| Gold 5115      | 10           | 2400      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 829    | *1     |
| Silver 4114    | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 927    | *2     |
| Silver 4114    | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 808    | *1     |
| Silver 4114T   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 927    | *2     |
| Silver 4114T   | 10           | 2200      | 1024 | 14080 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 808    | *1     |
| Gold 5118      | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1200   | *2     |
| Gold 5118      | 12           | 2300      | 1024 | 16896 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 963    | *1     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1305   | *2     |
| Gold 6126      | 12           | 2600      | 1024 | 19712 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1096   | *1     |
| Gold 6136      | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1474   | *2     |
| Gold 6136      | 12           | 3000      | 1024 | 25344 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1193   | *1     |
| Gold 6146      | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1570   | *2     |
| Gold 6146      | 12           | 3200      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1220   | *1     |
| Silver 4116    | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1040   | *2     |
| Silver 4116    | 12           | 2100      | 1024 | 16896 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 907    | *1     |
| Gold 5119T     | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1265   | *2     |
| Gold 5119T     | 14           | 1900      | 1024 | 19712 | 85  | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1007   | *1     |
| Gold 5120      | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1330   | *2     |
| Gold 5120      | 14           | 2200      | 1024 | 19712 | 105 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1050   | *1     |
| Gold 6132      | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1534   | *2     |
| Gold 6132      | 14           | 2600      | 1024 | 19712 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1213   | *1     |
| Gold 6130      | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1554   | *2     |
| Gold 6130      | 16           | 2100      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1232   | *1     |
| Gold 6142      | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1703   | *2     |
| Gold 6142      | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1310   | *1     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1703   | *2     |
| Gold 6142M     | 16           | 2600      | 1024 | 22528 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1310   | *1     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1364   | *2     |
| Platinum 8153  | 16           | 2000      | 1024 | 22528 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1135   | *1     |
| Gold 6140      | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1753   | *2     |
| Gold 6140      | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1339   | *1     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1753   | *2     |
| Gold 6140M     | 18           | 2300      | 1024 | 25344 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1339   | *1     |
| Gold 6150      | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1940   | *2     |
| Gold 6150      | 18           | 2700      | 1024 | 25344 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1400   | *1     |
| Gold 6154      | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2081   | *2     |
| Gold 6154      | 18           | 3000      | 1024 | 25344 | 200 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1475   | *1     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1763   | *2     |
| Gold 6138      | 20           | 2000      | 1024 | 28160 | 125 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1349   | *1     |
| Gold 6148      | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1932   | *2     |
| Gold 6148      | 20           | 2400      | 1024 | 28160 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1426   | *1     |
| Gold 6152      | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 1982   | *2     |
| Gold 6152      | 22           | 2100      | 1024 | 30976 | 140 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1446   | *1     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2161   | *2     |
| Platinum 8160  | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1514   | *1     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2161   | *2     |
| Platinum 8160M | 24           | 2100      | 1024 | 33792 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1514   | *1     |
| Platinum 8168  | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2450   | *2     |
| Platinum 8168  | 24           | 2700      | 1024 | 33792 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1600   | *1     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2211   | *2     |
| Platinum 8164  | 26           | 2000      | 1024 | 36608 | 150 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1543   | *1     |
| Platinum 8170  | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2320   | *2     |
| Platinum 8170  | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1580   | *1     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2320   | *2     |
| Platinum 8170M | 26           | 2100      | 1024 | 36608 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1581   | *1     |
| Platinum 8176  | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2430   | *2     |
| Platinum 8176  | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1630   | *1     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2490   | *2     |
| Platinum 8176M | 28           | 2100      | 1024 | 39424 | 165 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1650   | *1     |
| Platinum 8180  | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2659   | *2     |
| Platinum 8180  | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1717   | *1     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECint_rate_base2006 | 2659   | *2     |
| Platinum 8180M | 28           | 2500      | 1024 | 39424 | 205 | on              | DDR4X    | 2     | SPECfp_rate_base2006  | 1717   | *1     |

\*1 Calculated for C/C++: Version 17.0.3.191 of Intel C++ Compiler for Linux; Fortran: Version 17.0.3.191 of Intel Fortran Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)  
\*2 Calculated for C/C++: Version 18.0.0.128 of Intel C++ Compiler for Linux, SUSE Linux Enterprise Server 12 SP2 (x86\_64)

| PRIMERGY MODEL  | CPU<br>[周波数/キャッシュ容量/コア数]                           | SPECint2006          | SPECint_base<br>2006      | SPECfp<br>2006      | SPECfp_base<br>2006      |
|-----------------|----------------------------------------------------|----------------------|---------------------------|---------------------|--------------------------|
|                 |                                                    | 1CPU                 | 1CPU                      | 1CPU                | 1CPU                     |
| <b>MX130 S2</b> | AMD Sempron™ プロセッサ 145<br>(2.80GHz / 1コア / 1MB)    | 22.2(1)              | 20.1(1)                   | 21.0(2)             | 19.6(2)                  |
|                 | CPU<br>[周波数/キャッシュ容量/コア数]                           | SPECint_rate<br>2006 | SPECint_rate_base<br>2006 | SPECfp_rate<br>2006 | SPECfp_rate_base<br>2006 |
|                 |                                                    | 1CPU                 | 1CPU                      | 1CPU                | 1CPU                     |
|                 | AMD Athlon II X2プロセッサ 220<br>(2.80GHz / 2コア / 1MB) | 40.2(1)              | 36.4(1)                   | 37.1(2)             | 34.2(2)                  |
|                 | AMD Athlon II X2プロセッサ 265<br>(3.30GHz / 2コア / 2MB) | 48.9(1)              | 44.0(1)                   | 43.2(2)             | 40.2(2)                  |

(1)Compiler: C,C++: Version 4.2.5 of Open64 Compiler

(2)Compiler: C,C++: Version 4.2.5 of Open64 Compiler;  
Fortran: Version 4.2.5 of Open64 Compiler