### CFP2000 Result

**Fujitsu Siemens Computers**

**PRIMERGY RX300 S3, Intel Xeon processor E5345, 2.33 GHz**

**SPECfp_rate2000** = 99.2

**SPECfp_rate_base2000** = 99.2

---

**Hardware**

<table>
<thead>
<tr>
<th>CPU:</th>
<th>Intel Xeon processor E5345 (2.33 GHz, 2x4MB L2, 1333 MHz system bus)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU MHz:</td>
<td>2333</td>
</tr>
<tr>
<td>FPU:</td>
<td>Integrated</td>
</tr>
<tr>
<td>CPU(s) enabled:</td>
<td>8 cores, 2 chips, 4 cores/chip</td>
</tr>
<tr>
<td>CPU(s) orderable:</td>
<td>1.2 chips</td>
</tr>
<tr>
<td>Parallel:</td>
<td>No</td>
</tr>
<tr>
<td>Primary Cache:</td>
<td>32KB(I) + 32KB(D) on chip, per core</td>
</tr>
<tr>
<td>Secondary Cache:</td>
<td>8MB(I+D) on chip, per chip (4MB shared per 2 cores)</td>
</tr>
<tr>
<td>L3 Cache:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Cache:</td>
<td>N/A</td>
</tr>
<tr>
<td>Memory:</td>
<td>8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)</td>
</tr>
<tr>
<td>Disk Subsystem:</td>
<td>Seagate ST336754SS (SAS, 15.4krpm, 36GB)</td>
</tr>
<tr>
<td>Other Hardware:</td>
<td>none</td>
</tr>
</tbody>
</table>

**Software**

<table>
<thead>
<tr>
<th>Operating System:</th>
<th>64-Bit SUSE LINUX Enterprise Server 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compiler:</td>
<td>Intel C++ and Fortran Compiler 9.1 for EM64T</td>
</tr>
<tr>
<td>File System:</td>
<td>ext2</td>
</tr>
<tr>
<td>System State:</td>
<td>Multi-user runlevel 3</td>
</tr>
</tbody>
</table>

---

**Notes/Tuning Information**

**GENERAL**

+FDO implies feedback-directed optimization

PASS1: -prof_gen  PASS2: -prof_use

**Optimization flags**

ONESTEP=yes set for all benchmarks

**Portability flags**

-DSPEC_CPU2000_LP64 applied to all benchmarks

178.galgel: -FI for fixed-format Fortran

**Base tuning flags**

for Fortran and C programs: -fast +FDO

**Peak tuning flags**

same as baseline (basepeak=true set globally)
Fujitsu Siemens Computers
PRIMERGY RX300 S3, Intel Xeon processor E5345, 2.33 GHz

SPECfp_rate2000 = 99.2
SPECfp_rate_base2000 = 99.2

Notes/Tuning Information (Continued)

The system bus runs at 1333 MHz

This result was measured with 64-bit binaries using the 64-bit version of the operating system.

BIOS Configuration:
Adjacent Sector Prefetch = disable

The PRIMERGY RX300 S3 and the PRIMERGY TX300 S3 are electronically equivalent.

For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries