Fujitsu Siemens Computers
PRIMERGY RX600 S3, Intel Xeon processor 7020, 2.66 GHz

SPECfp_rate2000 = 44.6
SPECfp_rate_base2000 = 44.6

Software:
- Operating System: 64-Bit SUSE LINUX Enterprise Server 9 with SP3 Kernel 2.6.5-7.244-smp on an x86_64
- Compiler: Intel C++ and Fortran Compiler 9.0 for EM64T Build 20060120 (for 64-bit applications)
- File System: ext3
- System State: Multi-user run level 3

Hardware:
- CPU: Intel Xeon processor 7020 (2.66 GHz, 2x1MB L2, 667 MHz system bus)
- CPU MHz: 2666
- CPU(s) enabled: 8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology disabled)
- CPU(s) orderable: 1, 2, 4
- Parallel: No
- Primary Cache: 12k micro-ops I + 16KBD on chip, per core
- Secondary Cache: 1024KB(I+D) on chip, per core
- L3 Cache: N/A
- Other Cache: N/A
- Memory: 16x1GB DDRII-RAM PC2-3200R (CAS 3-3-3)
- Disk Subsystem: Fujitsu MAS3367NC (SCSI, 15krpm, 36GB)
- Other Hardware: none

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)
<table>
<thead>
<tr>
<th>SPEC License #:</th>
<th>22</th>
<th>Tested by:</th>
<th>Fujitsu Siemens Computers</th>
<th>Test date:</th>
<th>Jul-2006</th>
<th>Hardware Avail:</th>
<th>Nov-2005</th>
<th>Software Avail:</th>
<th>Jan-2006</th>
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<tbody>
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<td><strong>Notes/Tuning Information (Continued)</strong></td>
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<tr>
<td>The system bus runs at 667 MHz</td>
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<td>This result was measured with 64-bit binaries using the 64-bit version of the operating system.</td>
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<tr>
<td>This result was measured on the PRIMERGY TX600 S3. The PRIMERGY TX600 S3 and the PRIMERGY RX600 S3 are electronically equivalent.</td>
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<td>BIOS Configuration: Hardware Prefetch = Disable, Adjacent Sector Prefetch = Disable</td>
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<td>For information about Fujitsu Siemens Computers in your country please see: <a href="http://www.fujitsu-siemens.com/countries">http://www.fujitsu-siemens.com/countries</a></td>
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