# Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon 5140 processor, 2.33 GHz

## SPECfp_rate2000
41.8

## SPECfp_rate_base2000
41.8

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### Table: Benchmark Results

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Base Copies</th>
<th>Base Runtime</th>
<th>Base Ratio</th>
<th>Copies</th>
<th>Runtime</th>
<th>Ratio</th>
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<td>31.1</td>
</tr>
</tbody>
</table>

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### 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)

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**Hardware**
- CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB SLC, 1333 MHz system bus)
- CPU MHz: 2333
- FPU: Integrated
- CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
- CPU(s) orderable: 1.2
- Parallel: No
- Primary Cache: 32KB(I) + 32KB(D) on chip, per core
- Secondary Cache: 4096KB(I+D) on chip, per chip
- L3 Cache: N/A
- Other Cache: N/A
- Memory: 8x1024 MB DDRII-RAM PC2-5300F (CAS 5-5-5)
- Disk Subsystem: Seagate ST336754SS (SAS, 15.4krpm, 36GB)
- Other Hardware: none

**Software**
- Operating System: 64-Bit SUSE LINUX Enterprise Server 9 with SP3
- Compiler: Intel C++ and Fortran Compiler 9.0 for EM64T
- File System: ext2
- System State: Multi-user run level 3

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Standard Performance Evaluation Corporation
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Fujitsu Siemens Computers
PRIMERGY RX300 S3, Intel Xeon 5140 processor, 2.33 GHz

SPECfp_rate2000 = 41.8
SPECfp_rate_base2000 = 41.8

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.

This result was measured on the PRIMERGY TX300 S3. The PRIMERGY TX300 S3 and the PRIMERGY RX300 S3 are electronically equivalent.

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