# CFP2000 Result

**Fujitsu Siemens Computers**

PRIMERGY RX300 S3, Intel Xeon processor E5310, 1.60 GHz

**SPECfp_rate2000 =** 75.4

**SPECfp_rate_base2000 =** 75.4

---

### Hardware

- **CPU:** Intel Xeon processor E5310 (1.60 GHz, 2x4MB L2, 1066 MHz system bus)
- **CPU MHz:** 1600
- **FPU:** Integrated
- **CPU(s) enabled:** 8 cores, 2 chips, 4 cores/chip
- **CPU(s) orderable:** 1.2 chips
- **Parallel:** No
- **Primary Cache:** 32KB(I) + 32KB(D) on chip, per core
- **Secondary Cache:** 8MB(I+D) on chip, per chip (4MB shared per 2 cores)
- **L3 Cache:** N/A
- **Other Cache:** N/A
- **Memory:** 8x1GB DDR2-RAM PC2-4200F (CAS 4-4-4)
- **Disk Subsystem:** Seagate ST336754SS (SAS, 15.4krpm, 36GB)
- **Other Hardware:** none

### Software

- **Operating System:** 64-Bit SUSE LINUX Enterprise Server 10
  Kernel 2.6.16.21-0.8-smp on an x86_64
- **Compiler:** Intel C++ and Fortran Compiler 9.1 for EM64T Build 20060816 (for 64-bit applications)
- **File System:** ext2
- **System State:** Multi-user runlevel 3

### 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 E5310, 1.60 GHz

SPECfp_rate2000 = 75.4
SPECfp_rate_base2000 = 75.4

Notes/Tuning Information (Continued)

The system bus runs at 1066 MHz

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

BIOS Configuration:
Adjacent Sector Prefetch = disable, Hardware 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