## CFP2000 Result

### Fujitsu Siemens Computers

PRIMERGY RX600 S3, Intel Xeon processor 7130M, 3.20 GHz

**SPECfp_rate2000 =** 66.4  
**SPECfp_rate_base2000 =** 66.4

### SPEC license #: 22  
Tested by: Fujitsu Siemens Computers  
Test date: Aug-2006  
Hardware Avail: Aug-2006  
Software Avail: Feb-2006

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### Hardware

**CPU:**

Intel Xeon processor 7130M (3.20 GHz, 2x1MB L2, 800 MHz system bus)  
**CPU MHz:** 3200  
**FPU:** Integrated  
**CPU(s) enabled:** 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)  
**CPU(s) orderable:** 1,2,4 chips  
**Parallel:** No  
**Primary Cache:** 12k micro-ops(I) + 16KB(D) on chip, per core  
**Secondary Cache:** 1024KB(I+D) on chip, per core  
**L3 Cache:** 8MB on chip, per chip  
**Other Cache:** N/A  
**Memory:** 16x1GB DDRII-RAM PC2-3200R (CAS 3-3-3)  
**Disk Subsystem:** Fujitsu MAS3367NC (SCSI, 15krpm, 36GB)  
**Other Hardware:** none

### 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

### 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 RX600 S3, Intel Xeon processor 7130M, 3.20 GHz

| SPECfp_rate2000 | 66.4 |
| SPECfp_rate_base2000 | 66.4 |

**Notes/Tuning Information (Continued)**

The system bus runs at 800 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 TX600 S3. The PRIMERGY TX600 S3 and the PRIMERGY RX600 S3 are electronically equivalent.

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