# CFP2000 Result

**Fujitsu Siemens Computers**

PRIMERGY RX600 S3, Intel Xeon processor 7140M, 3.40 GHz

**SPECfp_rate2000 = 42.3**

**SPECfp_rate_base2000 = 42.3**

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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 processor 7140M (3.40 GHz, 2x1MB L2, 16MB L3, 800 MHz system bus)
- **CPU MHz:** 3400
- **FPU:** Integrated
- **CPU(s) enabled:** 2 cores, 1 chip, 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:** 16MB on chip, per chip
- **Other Cache:** N/A
- **Memory:** 16x1GB DDRII-RAM PC2-1200R (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

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**Software**

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Kernel 2.6.5-7.244-smp on an x86_64

Intel C++ and Fortran Compiler 9.0 for EM64T
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ext3

Multi-user run level 3
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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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