### CFP2000 Result

#### Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

| SPECfp_rate2000 = | 23.0 |
| SPECfp_rate_base2000 = | 23.0 |

**SPEC license #:** 22  
**Tested by:** Fujitsu Siemens Computers  
**Test date:** Apr-2006  
**Hardware Avail.:** May-2006  
**Software Avail.:** Jan-2006

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<th>Base Runtime</th>
<th>Base Ratio</th>
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#### Notes/Tuning Information

**Hardware**

- **CPU:** Intel Pentium 4 631 processor (3.0 GHz, 2MB SLC, 800 MHz system bus)
- **CPU MHz:** 3000
- **FPU:** Integrated
- **CPU(s) enabled:** 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
- **CPU(s) orderable:** 1
- **Parallel:** No
- **Primary Cache:** 12k micro-ops I + 16KBD on chip
- **Secondary Cache:** 2048KB(I+D) on chip
- **L3 Cache:** N/A
- **Other Cache:** N/A
- **Memory:** 4x2048 MB DDRII-RAM PC2-4200E
- **Disk Subsystem:** Fujitsu MAS3735NC (SCSI, 15 krpm, 73GB)
- **Other Hardware:** none

**Software**

- **Operating System:** 64-Bit SUSE LINUX Enterprise Server 9 with SP3
- **Compiler:** Kernel 2.6.5-7.244-smp on an x86_64
- **File System:** ext3
- **System State:** Multi-user run level 3

**Optimization flags**

- +FDO implies feedback-directed optimization
- PASS1: -prof_gen  PASS2: -prof_use

**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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**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.

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