# CFP2000 Result

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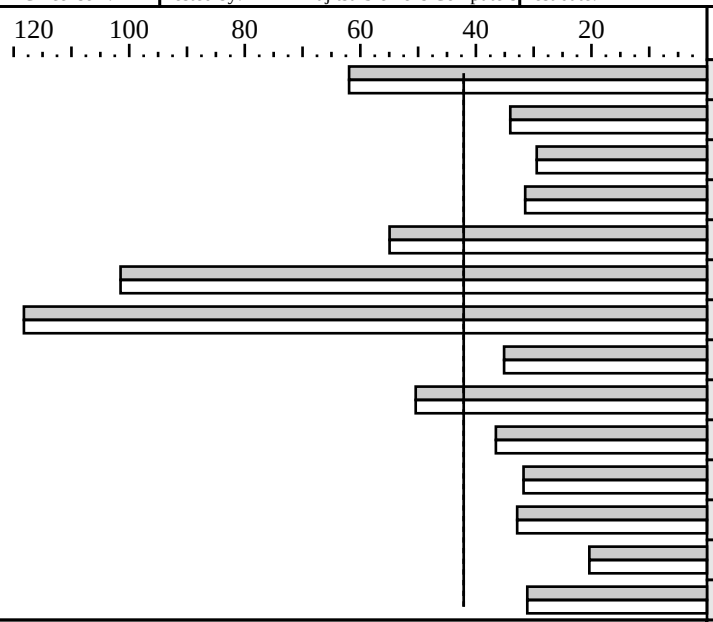
## Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon processor 5148, 2.33 GHz

SPECfp_rate2000 = 42.1

SPECfp_rate_base2000 = 42.1

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




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 2 | 59.9 | 61.9 | 2 | 59.9 | 61.9 |
| 171.swim | 2 | 211 | 34.0 | 2 | 211 | 34.0 |
| 172.mgrid | 2 | 142 | 29.5 | 2 | 142 | 29.5 |
| 173.applu | 2 | 155 | 31.5 | 2 | 155 | 31.5 |
| 177.mesa | 2 | 59.1 | 54.9 | 2 | 59.1 | 54.9 |
| 178.galgel | 2 | 66.3 | 101 | 2 | 66.3 | 101 |
| 179.art | 2 | 51.0 | 118 | 2 | 51.0 | 118 |
| 183.equake | 2 | 85.9 | 35.1 | 2 | 85.9 | 35.1 |
| 187.facerec | 2 | 87.4 | 50.4 | 2 | 87.4 | 50.4 |
| 188.ammp | 2 | 140 | 36.5 | 2 | 140 | 36.5 |
| 189.lucas | 2 | 146 | 31.8 | 2 | 146 | 31.8 |
| 191.fma3d | 2 | 148 | 32.9 | 2 | 148 | 32.9 |
| 200.sixtrack | 2 | 125 | 20.4 | 2 | 125 | 20.4 |
| 301.apsi | 2 | 194 | 31.1 | 2 | 194 | 31.1 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor 5148 (2.33 GHz, 4MB L2, 1333 MHz system bus) |
| CPU MHz: | 2333 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1,2 chips |
| Parallel: | No |
| Primary Cache: | 32KB(I) + 32KB(D) on chip, per core |
| Secondary Cache: | 4MB(I+D) on chip, per chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5) |
| Disk Subsystem: | Seagate ST936701SS (SAS, 10 krpm, 36GB) |
| Other Hardware: | none |

### Software

| | |
|---|---|
| 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)
```

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## 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.

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