# CFP2000 Result

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## Dell

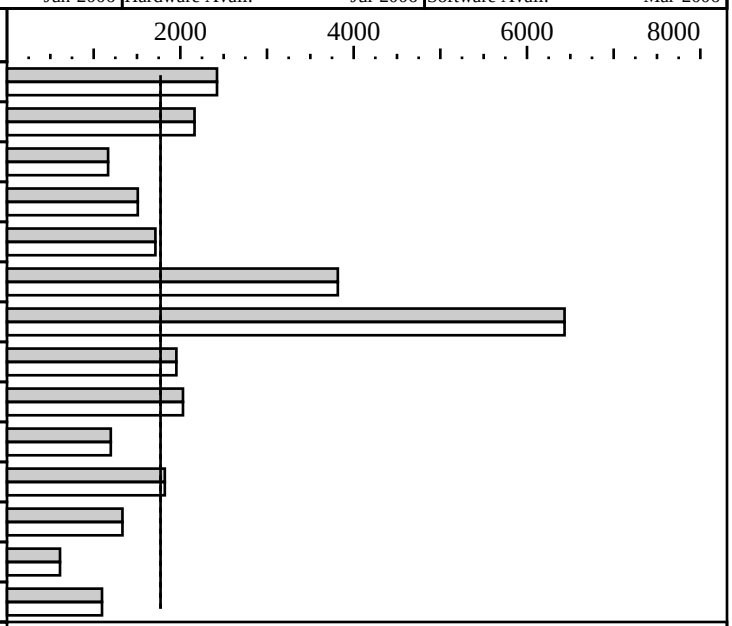
PowerEdge 1950 (Intel Xeon processor 5110, 1.60GHz)

SPECfp2000 = 1772

SPECfp_base2000 = 1772

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 66.0 | 2423 | 66.0 | 2423 |
| 171.swim | 3100 | 143 | 2164 | 143 | 2164 |
| 172.mgrid | 1800 | 154 | 1167 | 154 | 1167 |
| 173.applu | 2100 | 139 | 1509 | 139 | 1509 |
| 177.mesa | 1400 | 81.8 | 1712 | 81.8 | 1712 |
| 178.galgel | 2900 | 76.0 | 3817 | 76.0 | 3817 |
| 179.art | 2600 | 40.4 | 6433 | 40.4 | 6433 |
| 183.equake | 1300 | 66.5 | 1954 | 66.5 | 1954 |
| 187.facerec | 1900 | 93.6 | 2031 | 93.6 | 2031 |
| 188.ammp | 2200 | 184 | 1198 | 184 | 1198 |
| 189.lucas | 2000 | 110 | 1821 | 110 | 1821 |
| 191.fma3d | 2100 | 158 | 1332 | 158 | 1332 |
| 200.sixtrack | 1100 | 180 | 612 | 180 | 612 |
| 301.apsi | 2600 | 237 | 1096 | 237 | 1096 |




### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor 5110 (1066MHz system bus) |
| CPU MHz: | 1600 |
| FPU: | Integrated |
| CPU(s) enabled: | 4 cores, 2 chips, 2 cores/chip |
| CPU(s) orderable: | 1,2 |
| Parallel: | No |
| Primary Cache: | 32KB(I) + 32KB(D) on chip, per core |
| Secondary Cache: | 4096KB(I+D) on chip, shared |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 8 x 1GB 667MHz ECC CL5 DDR2 FB-DIMM |
| Disk Subsystem: | 1 x 80GB SATA 7200 RPM |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Red Hat Enterprise Linux 4 Advanced Server Update 3 EM64T |
| Compiler: | Intel C++ and Fortran Compiler 9.0 for EM64T Builds 20060120 and 20051201 |
| File System: | ext3 |
| System State: | Runlevel 3 |

## Notes/Tuning Information

```
GENERAL
 ONESTEP=yes for all benchmarks
 +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
 Baseline optimizations for C and Fortran: -fast +FDO
PEAK TUNING
 basepeak=yes set for all benchmarks
BIOS SETTINGS
 Snoop Filter enabled in BIOS
```