



CFP2000 Result

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Dell
PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECfp2000 = **1974**
SPECfp_base2000 = **1974**

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 | 60.5 | 2646 | 60.5 | 2646 | |
| 171.swim | 3100 | 141 | 2197 | 141 | 2197 | |
| 172.mgrid | 1800 | 136 | 1319 | 136 | 1319 | |
| 173.applu | 2100 | 128 | 1645 | 128 | 1645 | |
| 177.mesa | 1400 | 70.3 | 1992 | 70.3 | 1992 | |
| 178.galgel | 2900 | 66.4 | 4371 | 66.4 | 4371 | |
| 179.art | 2600 | 34.5 | 7526 | 34.5 | 7526 | |
| 183.quake | 1300 | 64.4 | 2018 | 64.4 | 2018 | |
| 187.facerec | 1900 | 81.9 | 2319 | 81.9 | 2319 | |
| 188.amp | 2200 | 160 | 1375 | 160 | 1375 | |
| 189.lucas | 2000 | 99.0 | 2021 | 99.0 | 2021 | |
| 191.fma3d | 2100 | 144 | 1455 | 144 | 1455 | |
| 200.sixtrack | 1100 | 154 | 714 | 154 | 714 | |
| 301.apsi | 2600 | 213 | 1223 | 213 | 1223 | |

Hardware

CPU: Intel Xeon processor 5120 (1066MHz system bus)
CPU MHz: 1866
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