CFP2000 Result

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Dell

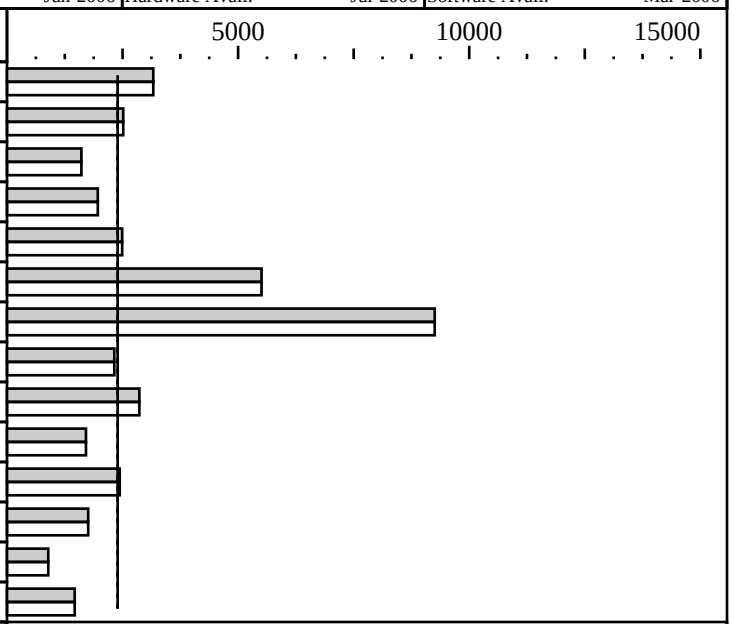
PowerEdge 1950 (Intel Xeon processor 5140, 2.33GHz)

SPECfp2000 = 2394

SPECfp_base2000 = 2394

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	50.6	3165	50.6	3165
171.swim	3100	123	2515	123	2515
172.mgrid	1800	112	1610	112	1610
173.applu	2100	107	1965	107	1965
177.mesa	1400	56.2	2492	56.2	2492
178.galgel	2900	52.7	5507	52.7	5507
179.art	2600	28.1	9253	28.1	9253
183.equake	1300	56.0	2322	56.0	2322
187.facerec	1900	66.4	2863	66.4	2863
188.ammp	2200	129	1709	129	1709
189.lucas	2000	82.0	2439	82.0	2439
191.fma3d	2100	120	1756	120	1756
200.sixtrack	1100	123	893	123	893
301.apsi	2600	178	1465	178	1465



Hardware

CPU:	Intel Xeon processor 5140 (1333MHz system bus)
CPU MHz:	2333
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
```