



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.quake	1300	66.5	1954	66.5	1954	
187.facerec	1900	93.6	2031	93.6	2031	
188.amp	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