



CFP2000 Result

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Dell
PowerEdge 1950 (Intel Xeon processor 5130, 2.00GHz)

SPECfp2000 = **2154**
SPECfp_base2000 = **2154**

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	54.9	2916	54.9	2916	
171.swim	3100	125	2482	125	2482	
172.mgrid	1800	126	1429	126	1429	
173.applu	2100	116	1818	116	1818	
177.mesa	1400	65.4	2140	65.4	2140	
178.galgel	2900	60.7	4778	60.7	4778	
179.art	2600	32.5	7999	32.5	7999	
183.equake	1300	57.6	2256	57.6	2256	
187.facerec	1900	75.7	2509	75.7	2509	
188.amp	2200	148	1485	148	1485	
189.lucas	2000	90.2	2217	90.2	2217	
191.fma3d	2100	131	1605	131	1605	
200.sixtrack	1100	144	765	144	765	
301.apsi	2600	197	1317	197	1317	

Hardware

CPU: Intel Xeon processor 5130 (1333MHz system bus)
CPU MHz: 2000
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