



CFP2000 Result

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Dell

PowerEdge 1950 (Intel Xeon processor 5150, 2.66GHz)

SPECfp_rate2000 = 79.8

SPECfp_rate_base2000 = 79.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	69.5	107	4	69.5	107
171.swim	4	265	54.3	4	265	54.3
172.mgrid	4	202	41.4	4	202	41.4
173.applu	4	174	55.9	4	174	55.9
177.mesa	4	50.6	128	4	50.6	128
178.galgel	4	60.4	223	4	60.4	223
179.art	4	49.7	243	4	49.7	243
183.equake	4	118	51.1	4	118	51.1
187.facerec	4	78.9	112	4	78.9	112
188.amp	4	130	78.6	4	130	78.6
189.lucas	4	154	60.2	4	154	60.2
191.fma3d	4	165	59.0	4	165	59.0
200.sixtrack	4	109	46.7	4	109	46.7
301.apsi	4	197	61.2	4	197	61.2

Hardware

CPU: Intel Xeon processor 5150 (1333MHz system bus)
 CPU MHz: 2666
 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