



CFP2000 Result

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Dell

PowerEdge 1950 (Intel Xeon processor 5130, 2.00GHz)

SPECfp_rate2000 = 71.2

SPECfp_rate_base2000 = 71.2

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	73.6	101	4	73.6	101
171.swim	4	267	54.0	4	267	54.0
172.mgrid	4	195	42.8	4	195	42.8
173.applu	4	183	53.3	4	183	53.3
177.mesa	4	67.8	95.9	4	67.8	95.9
178.galgel	4	74.4	181	4	74.4	181
179.art	4	54.6	221	4	54.6	221
183.quake	4	118	50.9	4	118	50.9
187.facerec	4	91.3	96.6	4	91.3	96.6
188.amp	4	163	62.6	4	163	62.6
189.lucas	4	156	59.4	4	156	59.4
191.fma3d	4	182	53.6	4	182	53.6
200.sixtrack	4	145	35.1	4	145	35.1
301.apsi	4	229	52.6	4	229	52.6

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