



CFP2000 Result

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Dell

PowerEdge 1955 (Intel Xeon processor 5130, 2.00GHz)

SPECfp_rate2000 = 67.7

SPECfp_rate_base2000 = 67.7

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	77.4	95.9	4	77.4	95.9
171.swim	4	291	49.5	4	291	49.5
172.mgrid	4	212	39.3	4	212	39.3
173.applu	4	190	51.4	4	190	51.4
177.mesa	4	68.9	94.2	4	68.9	94.2
178.galgel	4	76.6	176	4	76.6	176
179.art	4	61.8	195	4	61.8	195
183.equake	4	119	50.6	4	119	50.6
187.facerec	4	102	86.8	4	102	86.8
188.amp	4	163	62.7	4	163	62.7
189.lucas	4	178	52.1	4	178	52.1
191.fma3d	4	192	50.8	4	192	50.8
200.sixtrack	4	146	34.8	4	146	34.8
301.apsi	4	222	54.4	4	222	54.4

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 73GB SAS 10000 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