



CFP2000 Result

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Dell

PowerEdge 1950 (Intel Xeon processor 5050, 3.00GHz)

SPECfp_rate2000 = 53.3

SPECfp_rate_base2000 = 53.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	96.2	77.2	4	96.2	77.2
171.swim	4	360	40.0	4	360	40.0
172.mgrid	4	236	35.4	4	236	35.4
173.applu	4	254	38.3	4	254	38.3
177.mesa	4	89.1	72.9	4	89.1	72.9
178.galgel	4	114	118	4	114	118
179.art	4	67.7	178	4	67.7	178
183.quake	4	156	38.8	4	156	38.8
187.facerec	4	142	62.1	4	142	62.1
188.amp	4	209	48.8	4	209	48.8
189.lucas	4	232	40.1	4	232	40.1
191.fma3d	4	241	40.4	4	241	40.4
200.sixtrack	4	184	27.7	4	184	27.7
301.apsi	4	271	44.5	4	271	44.5

Hardware

CPU: Intel Xeon processor 5050 (667MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 1GB 533MHz ECC CL4 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