



CFP2000 Result

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Dell
PowerEdge 1950 (Intel Xeon processor 5160, 3.00GHz)

SPECfp_rate2000 = 83.4
SPECfp_rate_base2000 = 83.4

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	68.0	109	4	68.0	109
171.swim	4	263	54.7	4	263	54.7
172.mgrid	4	206	40.5	4	206	40.5
173.applu	4	172	56.8	4	172	56.8
177.mesa	4	45.6	143	4	45.6	143
178.galgel	4	55.1	244	4	55.1	244
179.art	4	47.6	253	4	47.6	253
183.equake	4	118	51.0	4	118	51.0
187.facerec	4	74.9	118	4	74.9	118
188.amp	4	120	85.2	4	120	85.2
189.lucas	4	153	60.6	4	153	60.6
191.fma3d	4	159	61.1	4	159	61.1
200.sixtrack	4	97.2	52.5	4	97.2	52.5
301.apsi	4	186	64.8	4	186	64.8

Hardware

CPU: Intel Xeon processor 5160 (1333MHz system bus)
CPU MHz: 3000
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