



CFP2000 Result

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Dell

PowerEdge 1955 (Intel Xeon processor 5160, 3.00GHz)

SPECfp_rate2000 = 80.0

SPECfp_rate_base2000 = 80.0

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	71.0	105	4	71.0	105
171.swim	4	288	49.9	4	288	49.9
172.mgrid	4	215	38.8	4	215	38.8
173.applu	4	182	53.5	4	182	53.5
177.mesa	4	47.5	137	4	47.5	137
178.galgel	4	57.2	235	4	57.2	235
179.art	4	52.2	231	4	52.2	231
183.equake	4	111	54.2	4	111	54.2
187.facerec	4	85.7	103	4	85.7	103
188.amp	4	118	86.3	4	118	86.3
189.lucas	4	169	54.8	4	169	54.8
191.fma3d	4	166	58.6	4	166	58.6
200.sixtrack	4	98.0	52.1	4	98.0	52.1
301.apsi	4	178	67.6	4	178	67.6

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 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