



CFP2000 Result

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Dell

PowerEdge 1955 (Intel Xeon processor 5120, 1.86GHz)

SPECfp_rate2000 = 58.0

SPECfp_rate_base2000 = 58.0

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	93.9	79.0	4	93.9	79.0
171.swim	4	368	39.1	4	368	39.1
172.mgrid	4	275	30.4	4	275	30.4
173.applu	4	235	41.4	4	235	41.4
177.mesa	4	74.5	87.1	4	74.5	87.1
178.galgel	4	85.0	158	4	85.0	158
179.art	4	71.1	170	4	71.1	170
183.equake	4	147	41.1	4	147	41.1
187.facerec	4	117	75.6	4	117	75.6
188.amp	4	179	57.0	4	179	57.0
189.lucas	4	216	42.9	4	216	42.9
191.fma3d	4	227	43.0	4	227	43.0
200.sixtrack	4	157	32.4	4	157	32.4
301.apsi	4	240	50.3	4	240	50.3

Hardware

CPU: Intel Xeon processor 5120 (1066MHz system bus)
 CPU MHz: 1866
 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