



CFP2000 Result

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Dell
PowerEdge 1955 (Intel Xeon processor 5120, 1.86GHz)

SPECfp2000 = **1863**
SPECfp_base2000 = **1863**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	63.7	2511	63.7	2511
171.swim	3100	145	2132	145	2132
172.mgrid	1800	141	1274	141	1274
173.applu	2100	140	1502	140	1502
177.mesa	1400	72.5	1932	72.5	1932
178.galgel	2900	66.2	4378	66.2	4378
179.art	2600	35.5	7324	35.5	7324
183.quake	1300	65.6	1981	65.6	1981
187.facerec	1900	96.2	1974	96.2	1974
188.amp	2200	163	1350	163	1350
189.lucas	2000	130	1535	130	1535
191.fma3d	2100	150	1397	150	1397
200.sixtrack	1100	154	712	154	712
301.apsi	2600	219	1187	219	1187

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