CFP2000 Result

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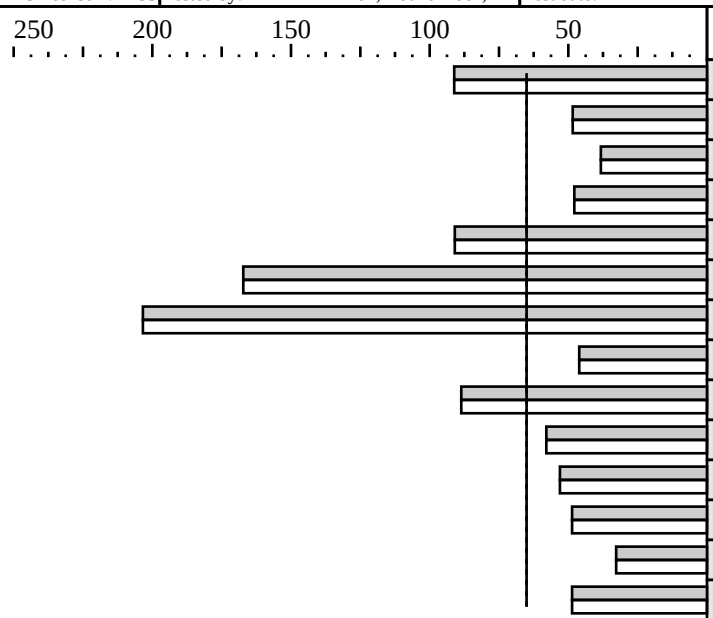
Dell

PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECfp_rate2000 = 65.0

SPECfp_rate_base2000 = 65.0

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	81.5	91.1	4	81.5	91.1
171.swim	4	297	48.4	4	297	48.4
172.mgrid	4	218	38.3	4	218	38.3
173.applu	4	204	47.8	4	204	47.8
177.mesa	4	71.4	90.9	4	71.4	90.9
178.galgel	4	80.5	167	4	80.5	167
179.art	4	59.3	203	4	59.3	203
183.equake	4	131	46.1	4	131	46.1
187.facerec	4	99.5	88.6	4	99.5	88.6
188.ammp	4	176	57.9	4	176	57.9
189.lucas	4	175	53.0	4	175	53.0
191.fma3d	4	200	48.6	4	200	48.6
200.sixtrack	4	156	32.8	4	156	32.8
301.apsi	4	248	48.6	4	248	48.6

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 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
```