CFP2000 Result

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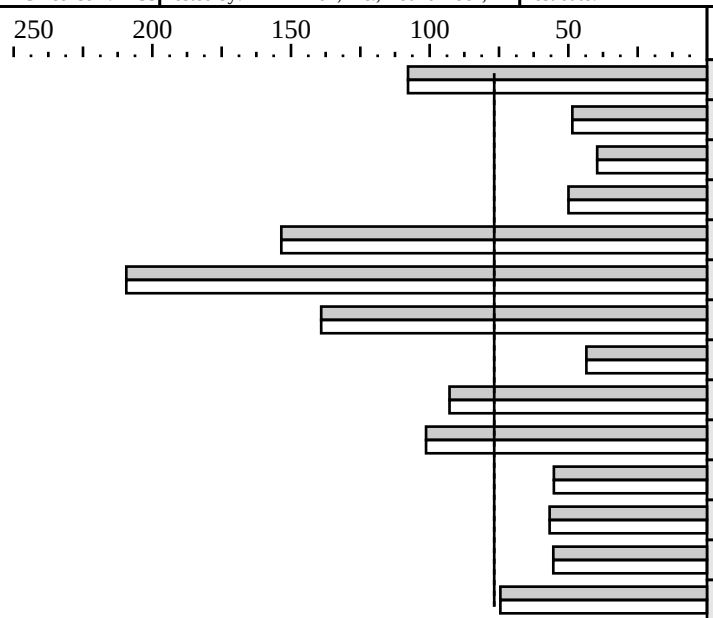
Dell

PowerEdge 2950 (Intel Xeon processor E5310, 1.60 GHz)

SPECfp_rate2000 = 76.7

SPECfp_rate_base2000 = 76.7

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX | Test date: Nov-2006 | Hardware Avail: Dec-2006 | Software Avail: Aug-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	138	108	8	138	108
171.swim	8	593	48.6	8	593	48.6
172.mgrid	8	422	39.6	8	422	39.6
173.applu	8	390	49.9	8	390	49.9
177.mesa	8	84.6	153	8	84.6	153
178.galgel	8	129	209	8	129	209
179.art	8	173	139	8	173	139
183.equake	8	277	43.5	8	277	43.5
187.facerec	8	190	92.8	8	190	92.8
188.ammp	8	202	101	8	202	101
189.lucas	8	336	55.2	8	336	55.2
191.fma3d	8	343	56.7	8	343	56.7
200.sixtrack	8	184	55.4	8	184	55.4
301.apsi	8	324	74.5	8	324	74.5

Hardware

CPU:	Quad-Core Intel Xeon processor E5310 (1066 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	8 MB I+D on chip, per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB 667 MHz CL5 FB-DIMM DDR2 SDRAM)
Disk Subsystem:	1 x 80GB SATA 7200 RPM
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux 4 Advanced Server Update 4 EM64T
Compiler:	Intel C++ Compiler 9.0 for EM64T Build 20060120 Intel Fortran Compiler 9.0 for EM64T Build 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
   Adjacent Cache Line Prefetch disabled in BIOS
```