CFP2000 Result

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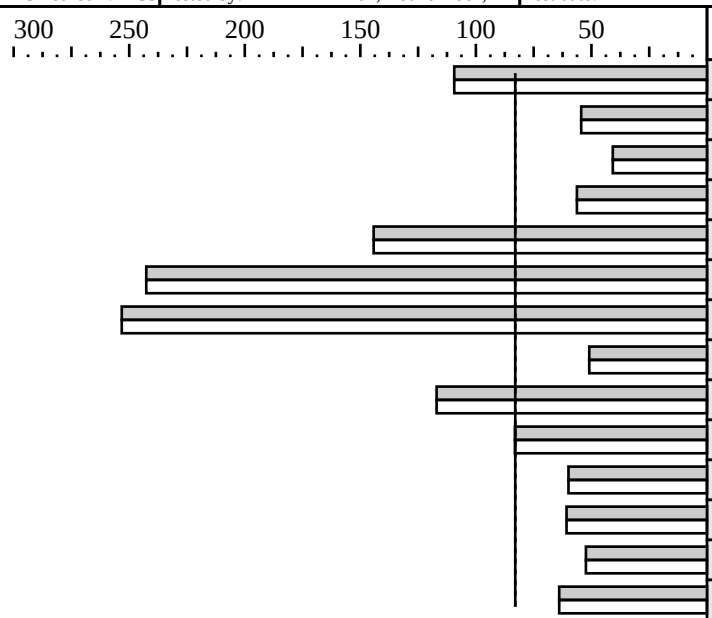
Dell

PowerEdge 2950 (Intelfi Xeonfi processor 5160, 3.00GHz)

SPECfp_rate2000 = 83.0

SPECfp_rate_base2000 = 83.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	67.9	109	4	67.9	109
171.swim	4	264	54.4	4	264	54.4
172.mgrid	4	205	40.8	4	205	40.8
173.applu	4	173	56.3	4	173	56.3
177.mesa	4	45.0	144	4	45.0	144
178.galgel	4	55.5	243	4	55.5	243
179.art	4	47.6	253	4	47.6	253
183.equake	4	118	50.9	4	118	50.9
187.facerec	4	75.4	117	4	75.4	117
188.ammp	4	123	83.1	4	123	83.1
189.lucas	4	155	59.9	4	155	59.9
191.fma3d	4	160	60.8	4	160	60.8
200.sixtrack	4	97.4	52.4	4	97.4	52.4
301.apsi	4	189	64.0	4	189	64.0

Hardware

CPU:	Intelfi Xeonfi 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 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
 Enabled 'Snoop Filter' in BIOS
```