CFP2000 Result

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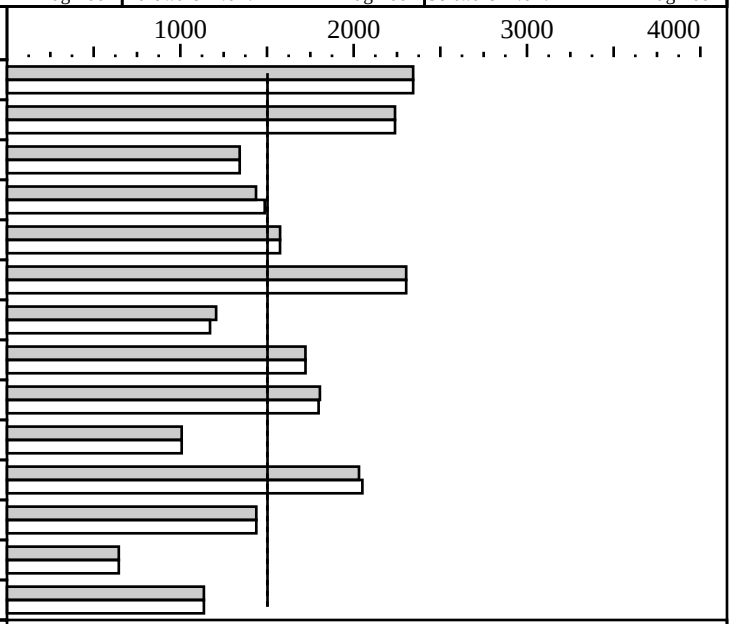
Dell
PowerEdge 1850 (3.6GHz, Intel Xeon)

SPECfp2000 = 1503

SPECfp_base2000 = 1502

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Aug-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	68.3	2343	68.3	2343
171.swim	3100	138	2239	138	2239
172.mgrid	1800	134	1343	134	1343
173.applu	2100	146	1437	141	1487
177.mesa	1400	88.9	1576	88.9	1575
178.galgel	2900	126	2303	126	2303
179.art	2600	215	1207	222	1171
183.equake	1300	75.5	1722	75.5	1722
187.facerec	1900	105	1805	106	1798
188.ammp	2200	218	1008	218	1008
189.lucas	2000	98.5	2031	97.5	2050
191.fma3d	2100	146	1438	146	1438
200.sixtrack	1100	171	645	171	645
301.apsi	2600	229	1136	229	1136



Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 2GB ECC DDR2-400 SDRAM
Disk Subsystem:	1x18.2GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Enterprise Server 2003
Compiler:	Intel C/C++ Compiler 8.0 (20040318Z) Intel Fortran Compiler 8.0 (20040304Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
BASE TUNING
  C/F77/F90:    -QxP  -Qipo -O3     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -QxP  -Qipo -O3     -Qscalar_rep- -Qauto +FDO
  177.mesa:     -QxP  -Qipo -O3 -Oa +FDO
  178.galgel:   basepeak=yes
  179.art:            -Qipo     -Oa -Qunroll4 -Zp4
  183.equake:   -QxP  -Qipo -O3 -Oa -Qrcd +FDO
  187.facerec:  -QaxP -Qipo -O3     -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
188.ammp:     basepeak=yes
189.lucas:    -QaxP -Qipo -O3
191.fma3d:    basepeak=yes
200.sixtrack: basepeak=yes
301.apsi:     basepeak=yes
```