CFP2000 Result

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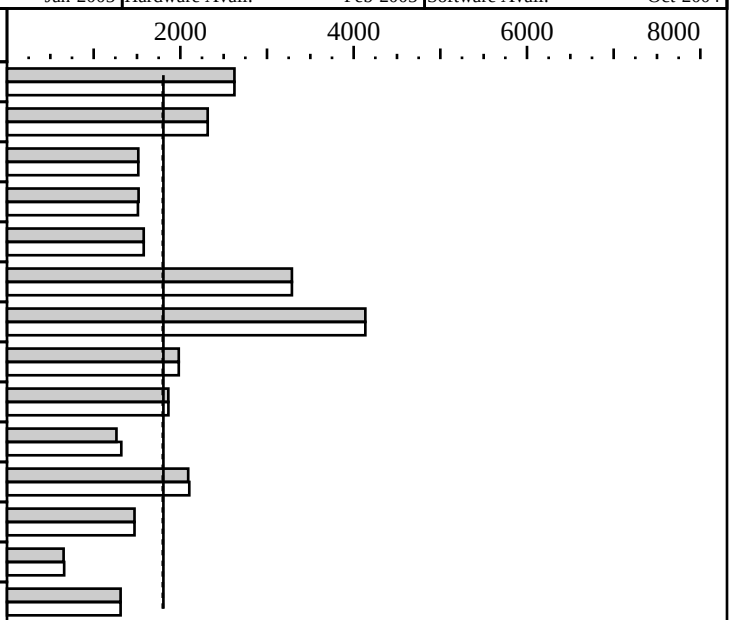
Dell Inc.
PowerEdge 2800 (3.6Ghz Intel Xeon)

SPECfp2000 = 1805

SPECfp_base2000 = 1798

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Jan-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.0	2624	61.0	2624
171.swim	3100	134	2316	134	2316
172.mgrid	1800	119	1515	119	1515
173.applu	2100	138	1518	139	1511
177.mesa	1400	88.7	1578	88.7	1578
178.galgel	2900	88.2	3287	88.2	3287
179.art	2600	62.9	4135	62.9	4135
183.equake	1300	65.6	1982	65.6	1982
187.facerec	1900	102	1862	102	1862
188.ammp	2200	174	1263	167	1319
189.lucas	2000	95.7	2091	95.1	2103
191.fma3d	2100	143	1471	143	1471
200.sixtrack	1100	168	653	167	660
301.apsi	2600	198	1311	198	1311



Hardware

CPU:	Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 18GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Standard Edition
Compiler:	Intel C/C++ Compiler 8.1 (20041019Z) Intel Fortran Compiler 8.1 (20041019Z) Microsoft Visual Studio .NET 2003(7.1.3088)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
  191.fma3d:    Approved src.alt windowsdp
BASE TUNING
  C/F77/F90:    -fast -QxP -Qansi_alias     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -fast -QxP -Qansi_alias -Qscalar_rep- -Qauto +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -QxP -Qansi_alias -Oa -Qrcd +FDO
```

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Notes/Tuning Information (Continued)

```
187.facerec:  -fast -QxP -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxP
189.lucas:    -fast -QxP
191.fma3d:    basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi:     basepeak=yes
```