CFP2000 Result

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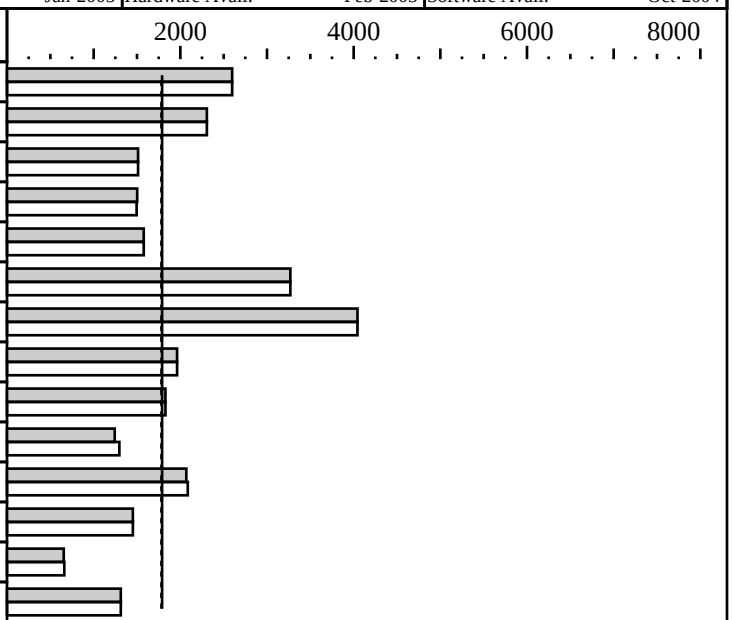
Dell Inc.
PowerEdge 1855 (3.6Ghz Intel Xeon)

SPECfp2000 = 1790

SPECfp_base2000 = 1783

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	61.6	2598	61.6	2598
171.swim	3100	134	2306	134	2306
172.mgrid	1800	119	1512	119	1512
173.applu	2100	140	1502	140	1496
177.mesa	1400	88.7	1578	88.7	1578
178.galgel	2900	88.7	3270	88.7	3270
179.art	2600	64.3	4044	64.3	4044
183.equake	1300	66.2	1962	66.2	1963
187.facerec	1900	104	1828	104	1828
188.ammp	2200	177	1243	170	1296
189.lucas	2000	96.7	2069	95.9	2086
191.fma3d	2100	145	1452	145	1452
200.sixtrack	1100	168	655	166	661
301.apsi	2600	198	1313	198	1313



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:	4x512MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 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
```