CFP2000 Result

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Dell Inc.

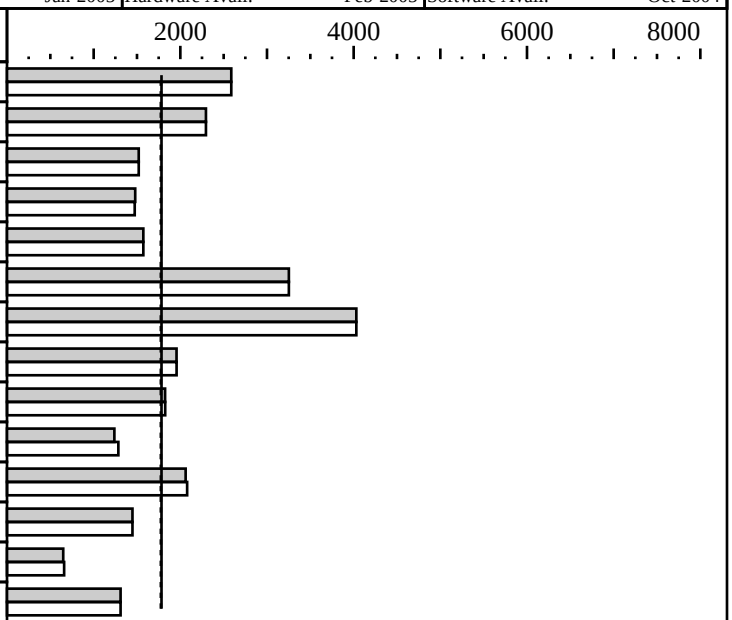
PowerEdge 1420SC (3.6Ghz Intel Xeon)

SPECfp2000 = 1783

SPECfp_base2000 = 1775

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	61.8	2588	61.8	2588
171.swim	3100	135	2296	135	2296
172.mgrid	1800	118	1520	118	1520
173.applu	2100	142	1479	143	1474
177.mesa	1400	89.0	1573	89.0	1573
178.galgel	2900	89.2	3252	89.2	3252
179.art	2600	64.5	4031	64.5	4031
183.equake	1300	66.5	1956	66.4	1957
187.facerec	1900	104	1824	104	1825
188.ammp	2200	178	1239	171	1285
189.lucas	2000	97.0	2061	96.2	2079
191.fma3d	2100	145	1448	145	1448
200.sixtrack	1100	170	649	167	659
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:	4x512MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 120GB 7200RPM SATA
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
```