CFP2000 Result

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Dell

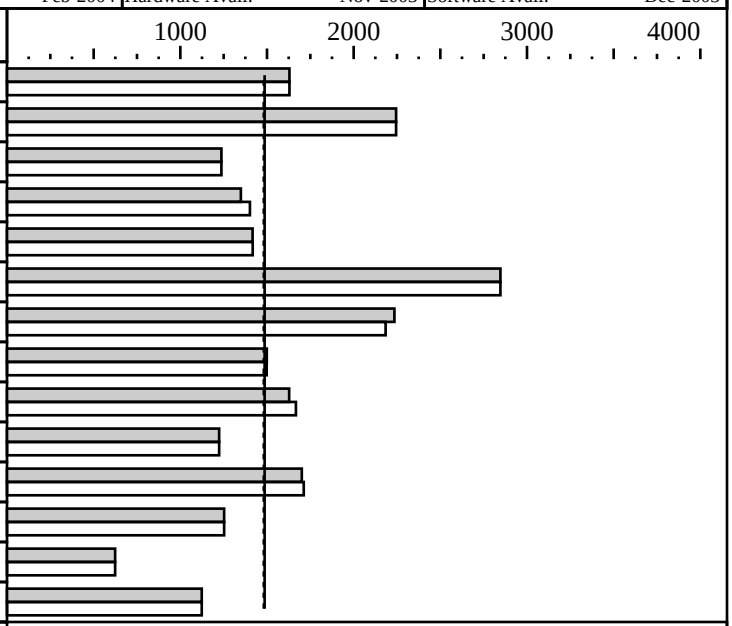
Precision Workstation 360 (3.2 GHz Pentium 4 Extreme Edition)

SPECfp2000 = 1486

SPECfp_base2000 = 1482

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Feb-2004 | Hardware Avail: Nov-2003 | Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	98.2	1630	98.2	1630
171.swim	3100	138	2245	138	2245
172.mgrid	1800	146	1237	146	1237
173.applu	2100	156	1349	150	1401
177.mesa	1400	98.8	1417	98.8	1418
178.galgel	2900	102	2847	102	2847
179.art	2600	116	2235	119	2184
183.equake	1300	86.7	1499	86.8	1498
187.facerec	1900	117	1628	114	1667
188.ammp	2200	180	1224	180	1224
189.lucas	2000	118	1701	117	1712
191.fma3d	2100	168	1253	168	1253
200.sixtrack	1100	176	624	176	624
301.apsi	2600	231	1123	231	1123



Hardware

CPU:	Intel Pentium 4 (800 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4 x 512MB ECC DDR400 SDRAM
Disk Subsystem:	1 x 80GB ATA/100 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C/C++ Compiler 8.0 (20031229Z) Intel Fortran Compiler 8.0 (20031229Z) 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 FLAGS
  178.galgel:   -FI /F32000000
BASE TUNING
  C/F77/F90:    -QxN  -Qipo -O3     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -QxN  -Qipo -O3     -Qscalar_rep- -Qauto +FDO
  177.mesa:     -QxN  -Qipo -O3 -Oa +FDO
  178.galgel:   basepeak=yes
  179.art:            -Qipo     -Oa -Qunroll4 -Zp4
  183.equake:   -QxN  -Qipo -O3 -Oa -Qrcd +FDO
  187.facerec:  -QaxN -Qipo -O3     -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
    188.ammp:     basepeak=yes
    189.lucas:    -QaxN -Qipo -O3
    191.fma3d:    basepeak=yes
    200.sixtrack: basepeak=yes
    301.apsi:     basepeak=yes
  NOTES
    Hyper-Threading Technology not enabled.
```