CFP2000 Result

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Dell

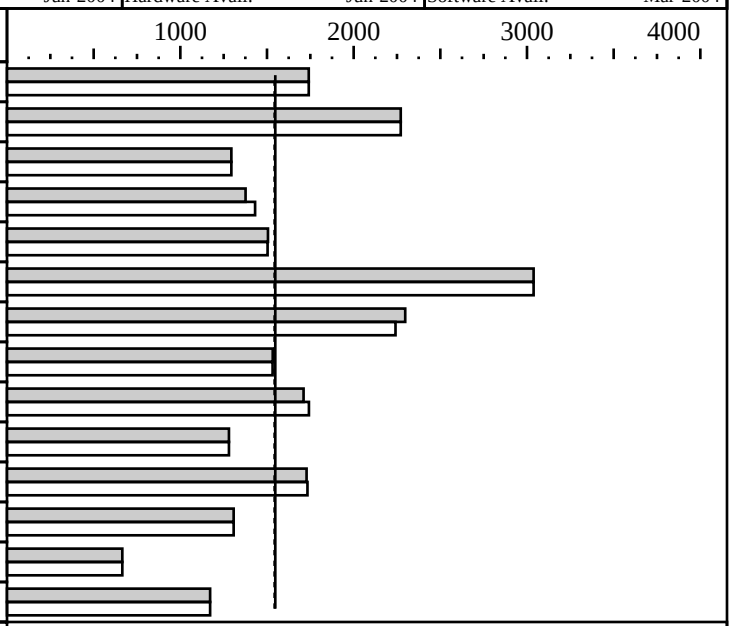
Precision Workstation 360 (3.4 GHz Pentium 4 Extreme Edition)

SPECfp2000 = 1548

SPECfp_base2000 = 1544

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	91.9	1741	91.9	1741
171.swim	3100	136	2272	136	2272
172.mgrid	1800	139	1294	139	1294
173.applu	2100	153	1376	147	1431
177.mesa	1400	93.0	1506	93.1	1503
178.galgel	2900	95.5	3038	95.5	3038
179.art	2600	113	2297	116	2241
183.equake	1300	84.8	1533	84.8	1532
187.facerec	1900	111	1711	109	1742
188.ammp	2200	172	1280	172	1280
189.lucas	2000	116	1728	115	1733
191.fma3d	2100	161	1308	161	1308
200.sixtrack	1100	165	665	165	665
301.apsi	2600	222	1172	222	1172



Hardware

CPU:	Intel Pentium 4 (800 MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology NOT enabled)
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 CL3 DDR400 SDRAM
Disk Subsystem:	1 x 40GB ATA/100 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
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:    -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
```