CFP2000 Result

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Dell

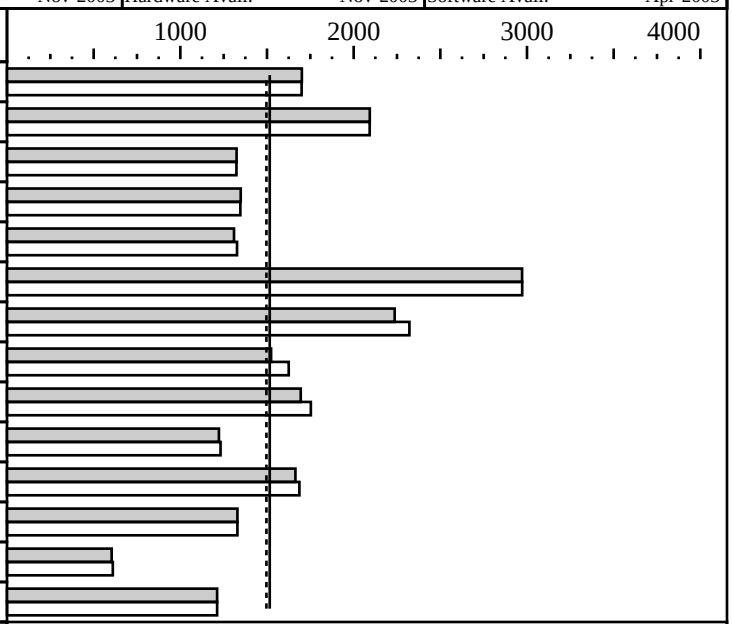
Precision Workstation 360 (3.2 GHz Pentium 4 Extreme Edition)

SPECfp2000 = 1516

SPECfp_base2000 = 1497

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2003 | Hardware Avail: Nov-2003 | Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	94.1	1701	94.1	1700
171.swim	3100	148	2093	148	2092
172.mgrid	1800	136	1325	136	1324
173.applu	2100	156	1348	156	1346
177.mesa	1400	107	1310	105	1327
178.galgel	2900	97.6	2972	97.6	2972
179.art	2600	116	2237	112	2322
183.equake	1300	85.3	1524	80.0	1625
187.facerec	1900	112	1695	108	1753
188.ammp	2200	180	1223	179	1232
189.lucas	2000	120	1664	119	1687
191.fma3d	2100	158	1329	158	1329
200.sixtrack	1100	182	604	180	610
301.apsi	2600	214	1212	214	1212



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 CL3
Disk Subsystem:	1 x 80GB ATA/100 7200 RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ Compiler 7.1 (20030402Z) Intel Fortran Compiler 7.1 (20030402Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK DIRECTED OPTMIZATION
  ONESTEP=YES
  FDO:          PASS1=  -Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo -QxW -O3 +FDO
PEAK TUNING
  168.wupwise:  -Qipo -QxW  -O3 +FDO
  171.swim:     -Qipo -QxW  -O3 +FDO
  172.mgrid:    -Qipo -QaxW -O3 +FDO
  173.applu:    -Qipo -QxW  -O3 -Qscalar_rep- -Qauto +FDO
  177.mesa:     -Qipo -QxW  -O3 -Oa +FDO
  178.galgel:   -Qipo -QxW  -O3 +FDO
  179.art:      -Oa -Qipo -Qunroll4 -Zp4
  183.equake:   -Qipo -QxW  -Oa -Qrcd +FDO
  187.facerec:  -O3 -QaxW -Qipo -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
    188.ammp:      -Oa -QxW
    189.lucas:     -Qipo -QaxW
    191.fma3d:     basepeak=yes
    200.sixtrack: -Qipo -QxW  +FDO
    301.apsi:      -Qipo -QxW  -O3 +FDO
  NOTES:
    Hyper-Threading Technology not enabled in the BIOS.
```