CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell

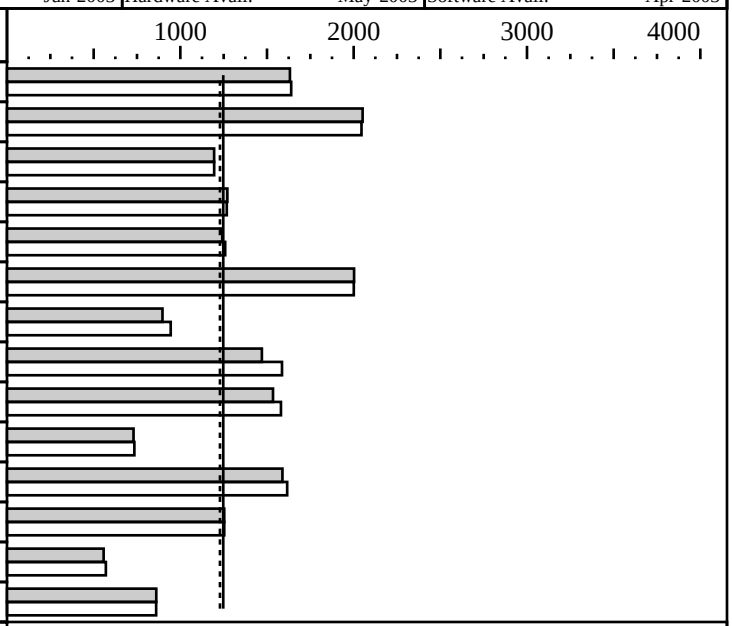
Precision Workstation 360 (3.0 GHz P4, DDR400)

SPECfp2000 = 1248

SPECfp_base2000 = 1229

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	98.0	1632	97.6	1640
171.swim	3100	151	2052	152	2045
172.mgrid	1800	151	1195	151	1195
173.applu	2100	165	1271	166	1268
177.mesa	1400	113	1242	111	1259
178.galgel	2900	145	2002	145	2001
179.art	2600	290	897	275	945
183.equake	1300	88.4	1470	81.9	1587
187.facerec	1900	124	1535	120	1581
188.ammp	2200	301	730	299	735
189.lucas	2000	126	1589	124	1616
191.fma3d	2100	168	1253	168	1253
200.sixtrack	1100	197	557	193	570
301.apsi	2600	302	861	302	861



Hardware

CPU:	Intel Pentium 4 (800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
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:	N/A
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++ 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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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
```