CFP2000 Result

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Dell

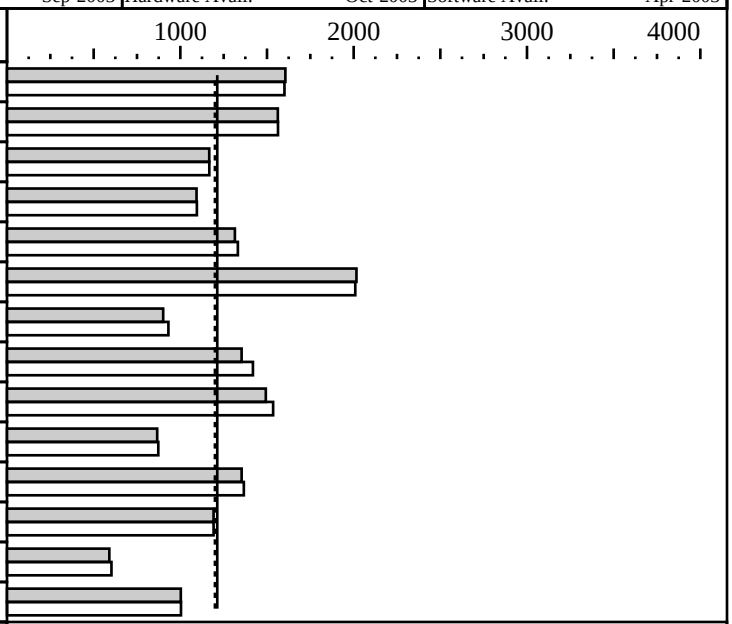
Precision Workstation 650 (3.2 GHz Xeon, 1MB L3 Cache)

SPECfp2000 = 1213

SPECfp_base2000 = 1200

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	99.6	1606	100.0	1601
171.swim	3100	198	1562	198	1563
172.mgrid	1800	154	1167	154	1167
173.applu	2100	192	1093	192	1095
177.mesa	1400	106	1315	105	1332
178.galgel	2900	144	2016	144	2009
179.art	2600	289	901	279	931
183.equake	1300	96.0	1354	91.6	1419
187.facerec	1900	127	1493	124	1535
188.ammp	2200	254	867	252	873
189.lucas	2000	148	1354	146	1366
191.fma3d	2100	176	1192	176	1192
200.sixtrack	1100	186	590	183	603
301.apsi	2600	259	1003	259	1004



Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	4 x 512MB PC2100 ECC DDR SDRAM CL2-2-2
Disk Subsystem:	1 x 36GB 10K RPM U320 SCSI
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

1 CPU disabled via BIOS setting.
```