CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell

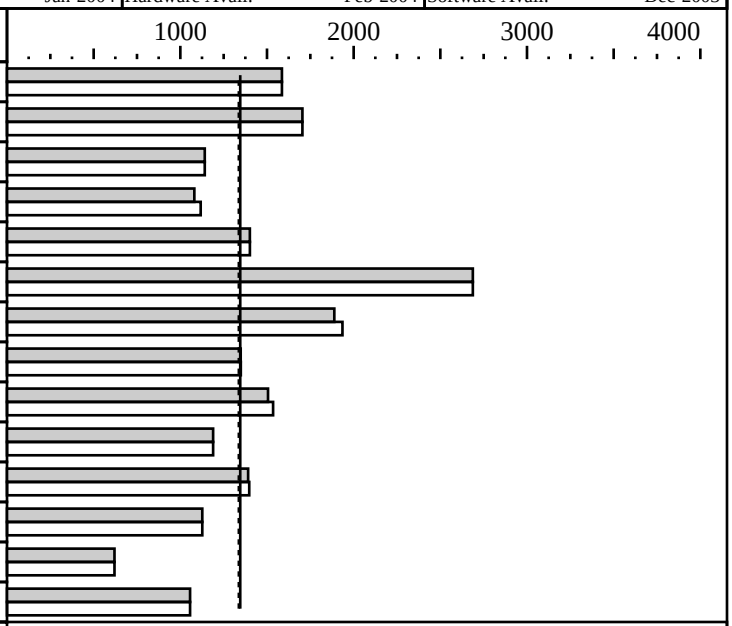
Precision Workstation 650 (3.20 GHz Xeon, 2MB L3 Cache)

SPECfp2000 = 1346

SPECfp_base2000 = 1338

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	101	1586	101	1586
171.swim	3100	182	1704	182	1704
172.mgrid	1800	158	1141	158	1141
173.applu	2100	194	1081	188	1117
177.mesa	1400	99.9	1401	99.9	1401
178.galgel	2900	108	2688	108	2688
179.art	2600	138	1888	134	1935
183.equake	1300	96.4	1348	96.4	1349
187.facerec	1900	126	1506	124	1535
188.ammp	2200	185	1189	185	1189
189.lucas	2000	144	1391	143	1398
191.fma3d	2100	186	1127	186	1127
200.sixtrack	1100	177	620	177	620
301.apsi	2600	246	1056	246	1056



Hardware

CPU:	Intel Xeon (533 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:	2
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 CL2-2-2 PC2100 DDR SDRAM
Disk Subsystem:	1 x 36GB U320 SCSI, 10K 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

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK DIRECTED OPTMIZATION
  ONESTEP=YES
  FDO:          PASS1=  -Qprof_gen  PASS2=-Qprof_use
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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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
    1 CPU Disabled in the BIOS.
    Hyper-Threading Technology not enabled.
```