# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

## Dell

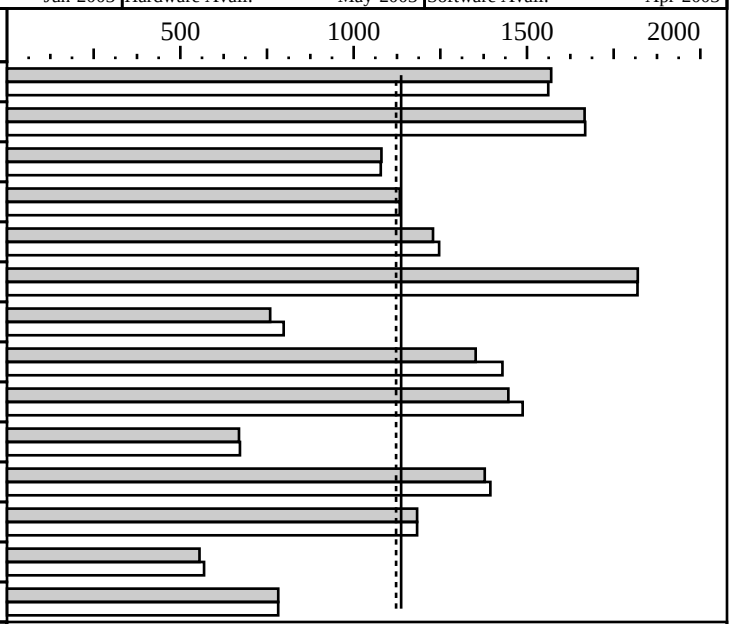
Precision Workstation 360 (3.0 GHz P4, DDR333)

SPECfp2000 = 1137

SPECfp_base2000 = 1122

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 | 102 | 1570 | 102 | 1561 |
| 171.swim | 3100 | 186 | 1666 | 186 | 1668 |
| 172.mgrid | 1800 | 167 | 1080 | 167 | 1078 |
| 173.applu | 2100 | 185 | 1133 | 185 | 1133 |
| 177.mesa | 1400 | 114 | 1229 | 112 | 1247 |
| 178.galgel | 2900 | 159 | 1820 | 159 | 1819 |
| 179.art | 2600 | 342 | 759 | 326 | 798 |
| 183.equake | 1300 | 96.2 | 1352 | 91.0 | 1429 |
| 187.facerec | 1900 | 131 | 1446 | 128 | 1487 |
| 188.ammp | 2200 | 329 | 669 | 327 | 672 |
| 189.lucas | 2000 | 145 | 1378 | 143 | 1394 |
| 191.fma3d | 2100 | 178 | 1183 | 178 | 1183 |
| 200.sixtrack | 1100 | 198 | 555 | 194 | 568 |
| 301.apsi | 2600 | 332 | 782 | 332 | 782 |




### 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 non-ECC DDR333 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)<br>Intel Fortran Compiler 7.1 (20030402Z)<br>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
```