# CFP2000 Result

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## Dell

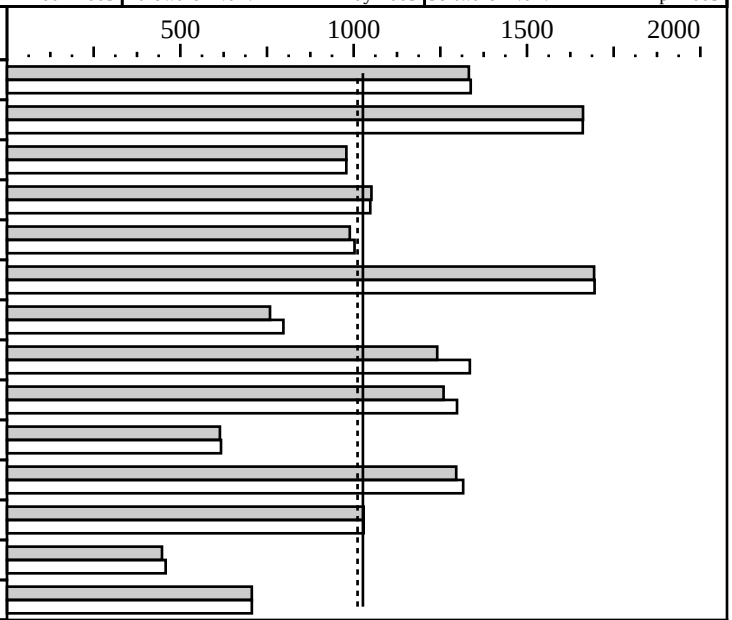
Precision Workstation 360 (2.4 GHz P4, DDR333)

SPECfp2000 = 1027

SPECfp_base2000 = 1011

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 | 120 | 1332 | 120 | 1338 |
| 171.swim | 3100 | 187 | 1662 | 187 | 1661 |
| 172.mgrid | 1800 | 184 | 979 | 184 | 979 |
| 173.applu | 2100 | 200 | 1051 | 200 | 1048 |
| 177.mesa | 1400 | 142 | 989 | 140 | 1002 |
| 178.galgel | 2900 | 171 | 1694 | 171 | 1695 |
| 179.art | 2600 | 343 | 759 | 326 | 797 |
| 183.equake | 1300 | 105 | 1241 | 97.4 | 1335 |
| 187.facerec | 1900 | 151 | 1259 | 146 | 1298 |
| 188.ammp | 2200 | 358 | 614 | 356 | 617 |
| 189.lucas | 2000 | 154 | 1296 | 152 | 1316 |
| 191.fma3d | 2100 | 204 | 1029 | 204 | 1029 |
| 200.sixtrack | 1100 | 246 | 447 | 240 | 458 |
| 301.apsi | 2600 | 368 | 706 | 368 | 706 |




### Hardware

| | |
|---|---|
| CPU: | Intel Pentium 4 (800 MHz system bus) |
| CPU MHz: | 2400 |
| 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
```

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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
```