# CFP2000 Result

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## Dell

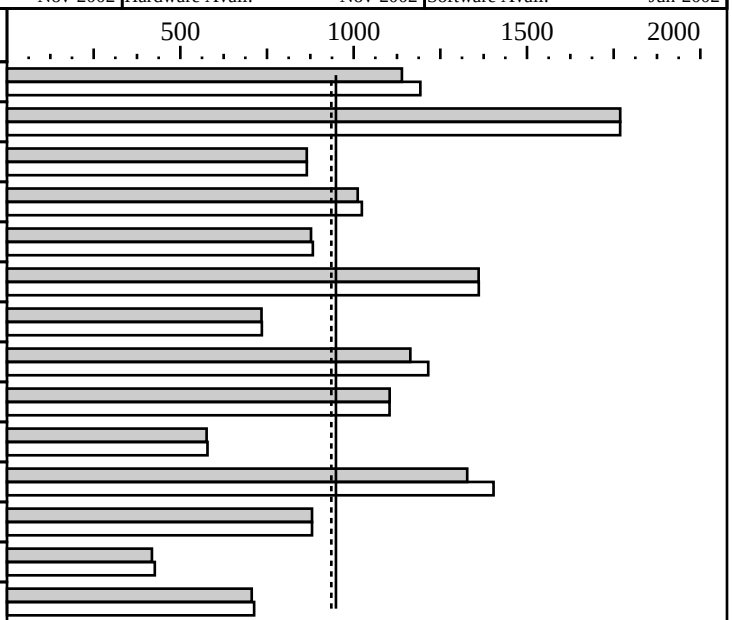
## Precision WorkStation 350 (2.26 GHz P4)

SPECfp2000 = 949

SPECfp_base2000 = 936

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2002 | Hardware Avail: Nov-2002 | Software Avail: Jun-2002

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 140 | 1139 | 134 | 1192 |
| 171.swim | 3100 | 175 | 1769 | 175 | 1769 |
| 172.mgrid | 1800 | 208 | 865 | 208 | 865 |
| 173.applu | 2100 | 208 | 1012 | 205 | 1024 |
| 177.mesa | 1400 | 160 | 877 | 159 | 882 |
| 178.galgel | 2900 | 213 | 1361 | 213 | 1361 |
| 179.art | 2600 | 354 | 734 | 354 | 735 |
| 183.equake | 1300 | 112 | 1163 | 107 | 1215 |
| 187.facerec | 1900 | 172 | 1104 | 172 | 1104 |
| 188.ammp | 2200 | 382 | 576 | 380 | 578 |
| 189.lucas | 2000 | 151 | 1328 | 143 | 1404 |
| 191.fma3d | 2100 | 239 | 880 | 239 | 880 |
| 200.sixtrack | 1100 | 263 | 418 | 258 | 426 |
| 301.apsi | 2600 | 368 | 706 | 365 | 713 |




### Hardware

| | |
|---|---|
| CPU: | Intel Pentium 4 (533 MHz system bus) |
| CPU MHz: | 2266 |
| 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: | 2 x 256MB PC1066-32 ECC RDRAM |
| Disk Subsystem: | 1 x 20GB Maxtor 7.2K ATA/100 |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional |
| Compiler: | Intel C++ and Fortran Compiler 6.0 (020613Z)<br>Microsoft Visual Studio .NET (7.0.9466)<br>MicroQuill SmartHeap Library 6.01 |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI -F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO:          PASS1= -Qprof_gen  PASS2= -Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo -QxW -O3 +FDO
PEAK TUNING
  168.wupwise:  -Qipo -QxW +FDO
  171.swim:     -Qipo -QxW -O3 +FDO
  172.mgrid:    -Qipo -QaxW -O3 +FDO
  173.applu:    -Qipo -QxW -O3 -Qscalar_rep- +FDO
  177.mesa:     -Qipo -QxW -O3 -Oa +FDO
  178.galgel:   -Qipo -QxW -O3 +FDO
  179.art:      -Qipo -QxW -O3 -Oa +FDO
  183.equake:   -Qipo -QxW -O3 -Oa +FDO
  187.facerec:  -Qipo -QxW -O3 +FDO
  188.ammp:     -Qipo -QxW -O3 -Oa +FDO
```

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## Notes/Tuning Information (Continued)

```
    189.lucas:     -Qipo -QaxW
    191.fma3d:     -Qipo -QxW -O3 +FDO
    200.sixtrack: -Qipo -QxW +FDO
    301.apsi:      -Qipo -QxW +FDO
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 6.01
                  www.microquill.com
```