# CFP2000 Result

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## Dell

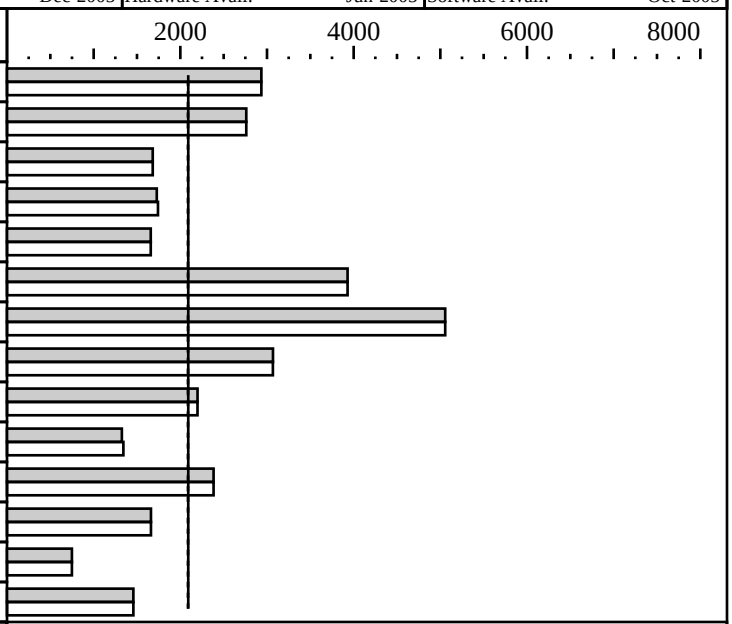
Precision Workstation 380 (3.8 GHz Pentium 4, 2MB L2)

SPECfp2000 = 2091

SPECfp_base2000 = 2088

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Jun-2005 | Software Avail: Oct-2005

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 54.5 | 2935 | 54.5 | 2935 |
| 171.swim | 3100 | 112 | 2761 | 112 | 2761 |
| 172.mgrid | 1800 | 107 | 1682 | 107 | 1682 |
| 173.applu | 2100 | 122 | 1728 | 121 | 1742 |
| 177.mesa | 1400 | 84.4 | 1659 | 84.4 | 1659 |
| 178.galgel | 2900 | 73.8 | 3930 | 73.8 | 3930 |
| 179.art | 2600 | 51.4 | 5056 | 51.4 | 5056 |
| 183.equake | 1300 | 42.4 | 3069 | 42.4 | 3068 |
| 187.facerec | 1900 | 86.4 | 2199 | 86.4 | 2198 |
| 188.ammp | 2200 | 166 | 1325 | 164 | 1343 |
| 189.lucas | 2000 | 83.9 | 2384 | 83.9 | 2384 |
| 191.fma3d | 2100 | 126 | 1661 | 126 | 1661 |
| 200.sixtrack | 1100 | 147 | 749 | 147 | 749 |
| 301.apsi | 2600 | 178 | 1458 | 178 | 1458 |




### Hardware

| | |
|---|---|
| CPU: | Intel Pentium 4 670 (800 MHz system bus) |
| CPU MHz: | 3800 |
| FPU: | Integrated |
| CPU(s) enabled: | 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled) |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 12K(I) micro-ops + 16KB(D) on chip |
| Secondary Cache: | 2048KB(I+D) on chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 4 x 1024MB 533MHz non-ECC CL4 DDR2 SDRAM |
| Disk Subsystem: | 1 x 80GB 7200 RPM SATA |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional SP2 |
| Compiler: | Intel C/C++ Compiler 9.0 for IA32(20051020Z)<br>Intel Fortran Compiler 9.0 for IA32(20051020Z)<br>Microsoft Visual Studio .NET 2003(7.1.3088)<br>MicroQuill SmartHeap Library 8.0 |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
BASE TUNING
  FORTRAN:      -fast -Qansi_alias +FDO
  177.mesa:     -fast +FDO shlW32M.lib
  179.art:      -fast +FDO shlW32M.lib
  183.equake:   -fast +FDO shlW32M.lib
  188.ammp:     -fast +FDO shlW32M.lib
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -fast -Qansi_alias -Qscalar_rep- -Qauto +FDO
  177.mesa:     basepeak=yes
```

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## Notes/Tuning Information (Continued)

```
178.galgel:   basepeak=yes
179.art:      basepeak=yes
183.equake:   -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa shlW32M.lib
189.lucas:    basepeak=yes
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```