# CFP2000 Result

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## Dell Inc.

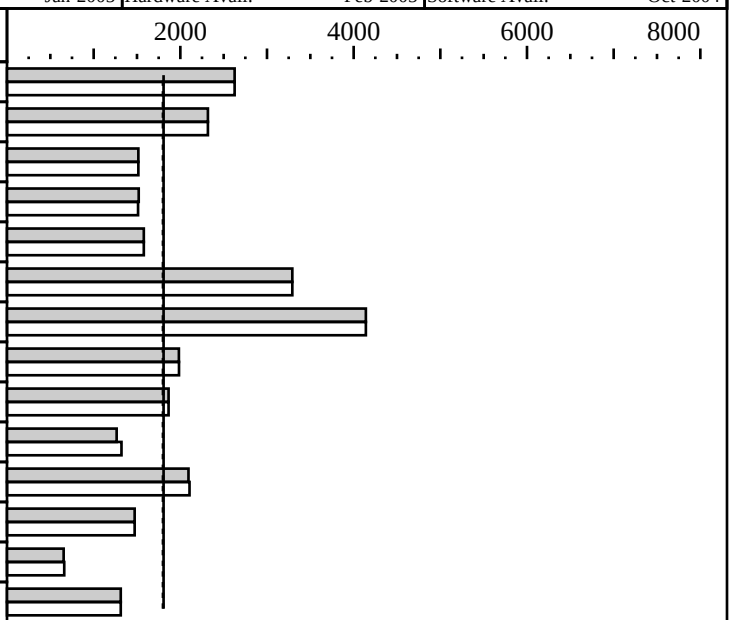
## PowerEdge 1800SC (3.6Ghz Intel Xeon)

SPECfp2000 = 1807

SPECfp_base2000 = 1800

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Jan-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2004

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 60.9 | 2626 | 60.9 | 2626 |
| 171.swim | 3100 | 134 | 2318 | 134 | 2318 |
| 172.mgrid | 1800 | 119 | 1516 | 119 | 1516 |
| 173.applu | 2100 | 138 | 1520 | 139 | 1512 |
| 177.mesa | 1400 | 88.7 | 1579 | 88.7 | 1579 |
| 178.galgel | 2900 | 88.1 | 3292 | 88.1 | 3292 |
| 179.art | 2600 | 62.8 | 4141 | 62.8 | 4141 |
| 183.equake | 1300 | 65.5 | 1983 | 65.5 | 1985 |
| 187.facerec | 1900 | 102 | 1864 | 102 | 1864 |
| 188.ammp | 2200 | 174 | 1265 | 167 | 1321 |
| 189.lucas | 2000 | 95.5 | 2094 | 95.0 | 2106 |
| 191.fma3d | 2100 | 143 | 1473 | 143 | 1473 |
| 200.sixtrack | 1100 | 168 | 654 | 167 | 660 |
| 301.apsi | 2600 | 198 | 1313 | 198 | 1313 |




### Hardware

| | |
|---|---|
| CPU: | Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus) |
| CPU MHz: | 3600 |
| 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: | 4x2048MB (dual-ranked) ECC DDR2-400 SDRAM |
| Disk Subsystem: | 1 x 18GB 15000RPM SCSI |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Windows 2003 Server, Standard Edition |
| Compiler: | Intel C/C++ Compiler 8.1 (20041019Z)<br>Intel Fortran Compiler 8.1 (20041019Z)<br>Microsoft Visual Studio .NET 2003(7.1.3088) |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
  191.fma3d:    Approved src.alt windowsdp
BASE TUNING
  C/F77/F90:    -fast -QxP -Qansi_alias     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -fast -QxP -Qansi_alias -Qscalar_rep- -Qauto +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -QxP -Qansi_alias -Oa -Qrcd +FDO
```

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## Notes/Tuning Information (Continued)

```
187.facerec:  -fast -QxP -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxP
189.lucas:    -fast -QxP
191.fma3d:    basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi:     basepeak=yes
```