# CFP2000 Result

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## Dell

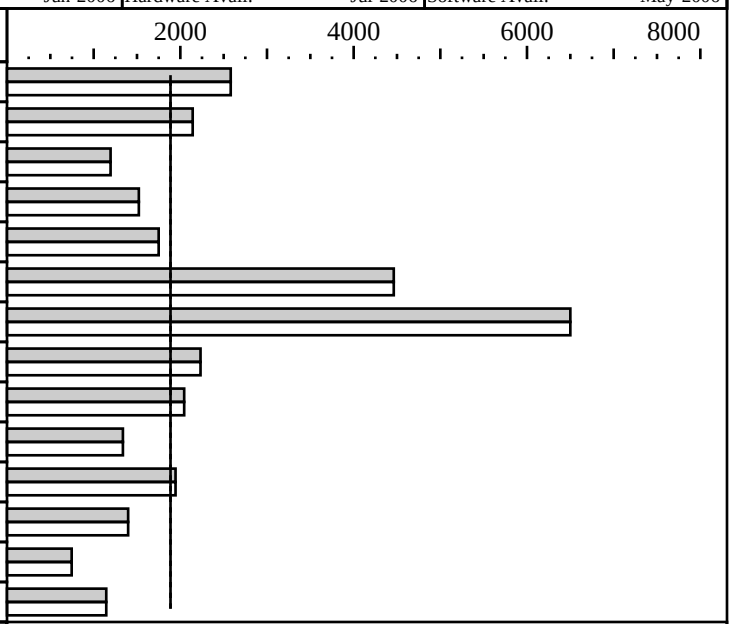
Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECfp2000 = 1887

SPECfp_base2000 = 1887

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX. | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 62.0 | 2581 | 62.0 | 2581 |
| 171.swim | 3100 | 145 | 2143 | 145 | 2143 |
| 172.mgrid | 1800 | 151 | 1195 | 151 | 1195 |
| 173.applu | 2100 | 138 | 1521 | 138 | 1521 |
| 177.mesa | 1400 | 80.0 | 1750 | 80.0 | 1750 |
| 178.galgel | 2900 | 65.0 | 4463 | 65.0 | 4463 |
| 179.art | 2600 | 40.0 | 6500 | 40.0 | 6500 |
| 183.equake | 1300 | 58.2 | 2233 | 58.2 | 2233 |
| 187.facerec | 1900 | 92.9 | 2044 | 92.9 | 2044 |
| 188.ammp | 2200 | 165 | 1337 | 165 | 1337 |
| 189.lucas | 2000 | 103 | 1945 | 103 | 1945 |
| 191.fma3d | 2100 | 150 | 1398 | 150 | 1398 |
| 200.sixtrack | 1100 | 147 | 746 | 147 | 746 |
| 301.apsi | 2600 | 227 | 1145 | 227 | 1145 |




### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor 5120 (1066 MHz system bus) |
| CPU MHz: | 1866 |
| FPU: | Integrated |
| CPU(s) enabled: | 4 cores, 2 chips, 2 cores/chip |
| CPU(s) orderable: | 1,2 |
| Parallel: | No |
| Primary Cache: | 32KB(I) + 32KB(D) on chip, per core |
| Secondary Cache: | 4096KB(I+D) on chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 8 x 512MB 533MHz ECC CL4 FB-DIMM DDR2 SDRAM |
| Disk Subsystem: | 1 x 73GB SAS 10K RPM |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional x64 Edition |
| Compiler: | Intel C++ Compiler 9.1 for IA32(20060519Z)<br>Intel Fortran Compiler 9.1 for IA32(20060519Z)<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
basepeak=yes
```