# CFP2000 Result

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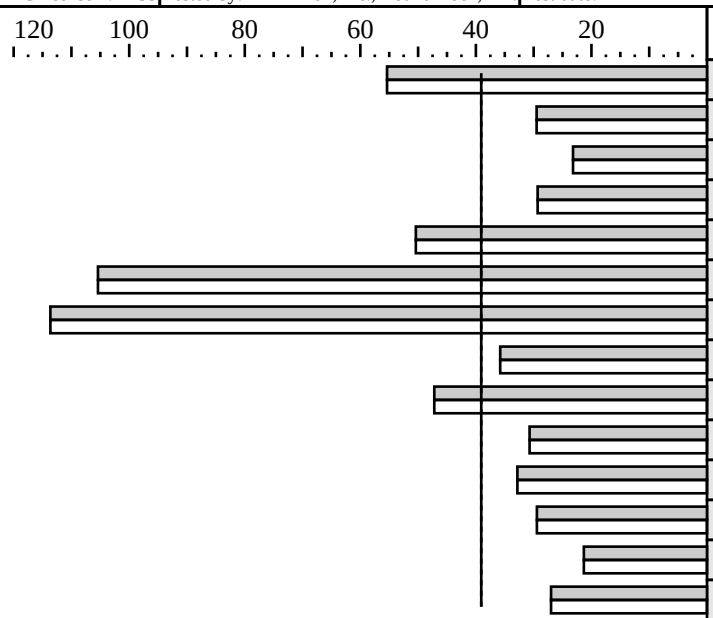
## Dell

Precision Workstation 690 (Intel Xeon processor 5140, 2.33 GHz)

SPECfp_rate2000 = 39.1

SPECfp_rate_base2000 = 39.1

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




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 2 | 67.0 | 55.4 | 2 | 67.0 | 55.4 |
| 171.swim | 2 | 244 | 29.5 | 2 | 244 | 29.5 |
| 172.mgrid | 2 | 180 | 23.2 | 2 | 180 | 23.2 |
| 173.applu | 2 | 166 | 29.3 | 2 | 166 | 29.3 |
| 177.mesa | 2 | 64.5 | 50.4 | 2 | 64.5 | 50.4 |
| 178.galgel | 2 | 63.8 | 105 | 2 | 63.8 | 105 |
| 179.art | 2 | 53.1 | 114 | 2 | 53.1 | 114 |
| 183.equake | 2 | 84.3 | 35.8 | 2 | 84.3 | 35.8 |
| 187.facerec | 2 | 93.4 | 47.2 | 2 | 93.4 | 47.2 |
| 188.ammp | 2 | 166 | 30.7 | 2 | 166 | 30.7 |
| 189.lucas | 2 | 141 | 32.8 | 2 | 141 | 32.8 |
| 191.fma3d | 2 | 165 | 29.4 | 2 | 165 | 29.4 |
| 200.sixtrack | 2 | 120 | 21.3 | 2 | 120 | 21.3 |
| 301.apsi | 2 | 223 | 27.0 | 2 | 223 | 27.0 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor 5140 (1333 MHz system bus) |
| CPU MHz: | 2333 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 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 1024MB 667MHz ECC CL5 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
```