# CFP2000 Result

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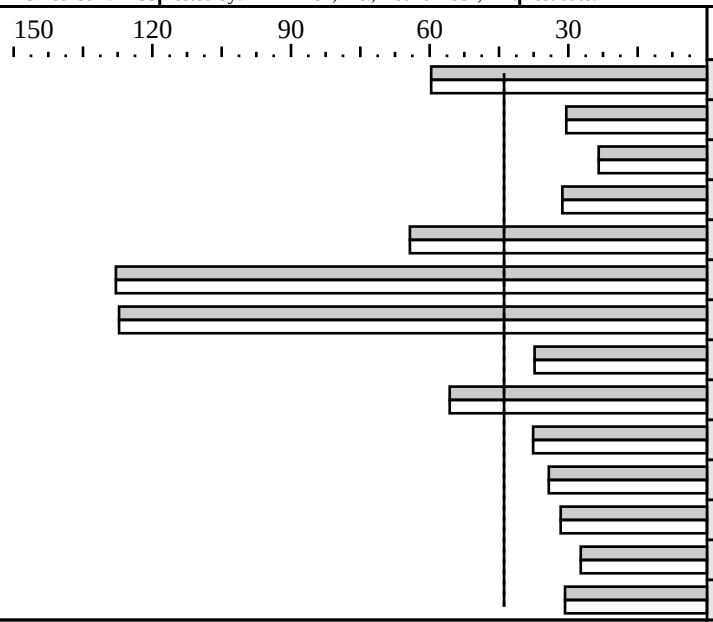
## Dell

Precision Workstation 690 (Intel Xeon processor 5160, 3.00 GHz)

SPECfp_rate2000 = 43.9

SPECfp_rate_base2000 = 43.9

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 | 62.2 | 59.7 | 2 | 62.2 | 59.7 |
| 171.swim | 2 | 236 | 30.4 | 2 | 236 | 30.4 |
| 172.mgrid | 2 | 178 | 23.4 | 2 | 178 | 23.4 |
| 173.applu | 2 | 156 | 31.3 | 2 | 156 | 31.3 |
| 177.mesa | 2 | 50.5 | 64.3 | 2 | 50.5 | 64.3 |
| 178.galgel | 2 | 52.6 | 128 | 2 | 52.6 | 128 |
| 179.art | 2 | 47.4 | 127 | 2 | 47.4 | 127 |
| 183.equake | 2 | 80.9 | 37.3 | 2 | 80.9 | 37.3 |
| 187.facerec | 2 | 79.2 | 55.7 | 2 | 79.2 | 55.7 |
| 188.ammp | 2 | 136 | 37.6 | 2 | 136 | 37.6 |
| 189.lucas | 2 | 136 | 34.2 | 2 | 136 | 34.2 |
| 191.fma3d | 2 | 154 | 31.7 | 2 | 154 | 31.7 |
| 200.sixtrack | 2 | 93.4 | 27.3 | 2 | 93.4 | 27.3 |
| 301.apsi | 2 | 196 | 30.7 | 2 | 196 | 30.7 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor 5160 (1333 MHz system bus) |
| CPU MHz: | 3000 |
| 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
```