# CINT2000 Result

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## Dell

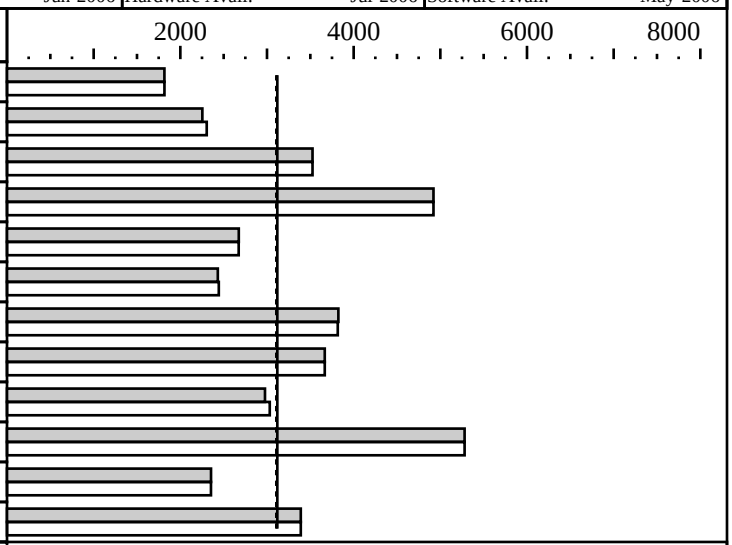
Precision Workstation 390 (Intel Core 2 Extreme processor X6800, 2.93 GHz)

SPECint2000 = 3119

SPECint_base2000 = 3108

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 |
|---|---|---|---|---|---|
| 164.gzip | 1400 | 77.1 | 1816 | 77.1 | 1817 |
| 175.vpr | 1400 | 62.1 | 2254 | 60.8 | 2305 |
| 176.gcc | 1100 | 31.2 | 3525 | 31.2 | 3525 |
| 181.mcf | 1800 | 36.6 | 4921 | 36.6 | 4921 |
| 186.crafty | 1000 | 37.4 | 2674 | 37.4 | 2673 |
| 197.parser | 1800 | 74.0 | 2432 | 73.7 | 2444 |
| 252.eon | 1300 | 34.0 | 3824 | 34.1 | 3816 |
| 253.perlbmk | 1800 | 49.1 | 3666 | 49.1 | 3666 |
| 254.gap | 1100 | 37.0 | 2977 | 36.3 | 3032 |
| 255.vortex | 1900 | 36.0 | 5280 | 36.0 | 5280 |
| 256.bzip2 | 1500 | 63.7 | 2354 | 63.7 | 2353 |
| 300.twolf | 3000 | 88.5 | 3390 | 88.5 | 3390 |




### Hardware

| | |
|---|---|
| CPU: | Intel Core 2 Extreme processor X6800 (1066 MHz system bus) |
| CPU MHz: | 2933 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1 |
| 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: | 4 x 1024MB 533MHz non-ECC CL4 DDR2 SDRAM |
| Disk Subsystem: | 1 x 80GB SATA 7200 RPM |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional SP2 |
| Compiler: | Intel C++ 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 FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafty:  -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
BASE TUNING
  C:           -fast +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: basepeak=yes
```

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## Notes/Tuning Information (Continued)

```
254.gap:     -fast +FDO
255.vortex   basepeak=yes
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   basepeak=yes
```