# CINT2000 Result

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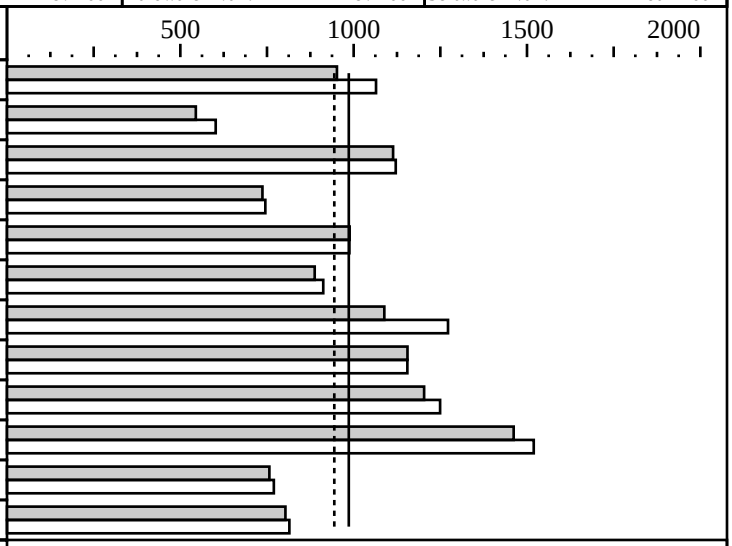
## Dell
## Precision WorkStation 350 (2.53 GHz P4)

SPECint2000 = 986

SPECint_base2000 = 944

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2002 | Hardware Avail: Nov-2002 | Software Avail: Jun-2002

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 164.gzip | 1400 | 147 | 952 | 132 | 1065 |
| 175.vpr | 1400 | 257 | 545 | 233 | 602 |
| 176.gcc | 1100 | 98.8 | 1114 | 98.1 | 1121 |
| 181.mcf | 1800 | 244 | 737 | 242 | 745 |
| 186.crafty | 1000 | 101 | 988 | 101 | 988 |
| 197.parser | 1800 | 203 | 888 | 197 | 912 |
| 252.eon | 1300 | 119 | 1088 | 102 | 1272 |
| 253.perlbmk | 1800 | 156 | 1155 | 156 | 1155 |
| 254.gap | 1100 | 91.4 | 1203 | 88.0 | 1249 |
| 255.vortex | 1900 | 130 | 1462 | 125 | 1519 |
| 256.bzip2 | 1500 | 198 | 757 | 195 | 770 |
| 300.twolf | 3000 | 374 | 803 | 368 | 815 |




### Hardware

| | |
|---|---|
| CPU: | Intel Pentium 4 (533 MHz system bus) |
| CPU MHz: | 2533 |
| FPU: | Integrated |
| CPU(s) enabled: | 1 core, 1 chip, 1 core/chip |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 12K(I) micro-ops + 8KB(D) on chip |
| Secondary Cache: | 512KB(I+D) on chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 2 x 256MB PC1066-32 ECC RDRAM |
| Disk Subsystem: | 1 x 20GB Maxtor 7.2K ATA/100 |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional |
| Compiler: | Intel C++ Compiler 6.0 (020613Z)<br>Microsoft Visual Studio .NET (7.0.9466)<br>MicroQuill SmartHeap Library 6.01 |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
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
FEEDBACK-DIRECTED OPTIMIZATION
  FDO:         PASS1= -Qprof_gen  PASS2= -Qprof_use
BASE TUNING
  C:           -Qipo -QxW +FDO shlW32M.lib
  C++:         -QxW -GX -GR +FDO
PEAK TUNING
  164.gzip:    -Qipo -QxW -O3 +FDO
  175.vpr:     -Qipo -QxW -O3 +FDO
  176.gcc:     -Qipo -QxW -O3 +FDO
  181.mcf:     -Qipo -QxW -O3 +FDO shlW32M.lib
  186.crafty:  -Qipo -QxW -O3 +FDO
  197.parser:  -Qipo -QxW -O3 +FDO
  252.eon:     -Qipo -QxW -O3 +FDO
  253.perlbmk: -Qipo -QxW +FDO shlW32M.lib
  254.gap:     -Qipo -QaxW -O3 +FDO
```

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## Notes/Tuning Information (Continued)

```
  255.vortex:  -Qwp_ipo -QxW -O3 -Oa +FDO
  256.bzip2:   -Qipo -QxW -O3
  300.twolf:   -Qipo -QxW -O3 -Oa shlW32M.lib
EXTRA LIBRARIES
  shlW32M.lib: MicroQuill SmartHeap Library 6.01
               www.microquill.com
```