CINT2000 Result

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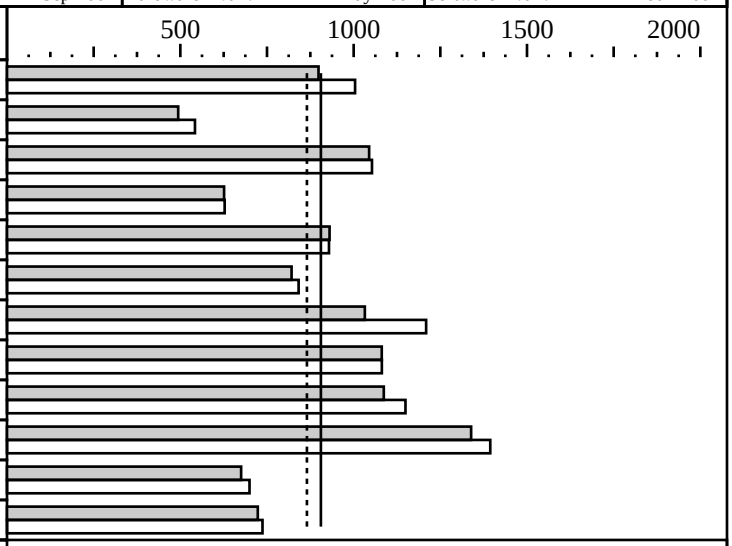
Dell
Precision WorkStation 340 (2.4 GHz P4)

SPECint2000 = 905

SPECint_base2000 = 865

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	156	899	139	1004
175.vpr	1400	283	494	258	542
176.gcc	1100	105	1045	104	1053
181.mcf	1800	287	626	287	628
186.crafty	1000	107	930	108	929
197.parser	1800	219	821	214	841
252.eon	1300	126	1032	108	1209
253.perlbmk	1800	167	1081	166	1081
254.gap	1100	101	1087	95.7	1149
255.vortex	1900	142	1339	136	1394
256.bzip2	1500	222	675	214	700
300.twolf	3000	415	723	407	737



Hardware

CPU:	Intel Pentium 4 (533 MHz system bus)
CPU MHz:	2400
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 PC800-40 ECC RDRAM
Disk Subsystem:	1 x 10GB Maxtor 7.2K ATA/100
Other Hardware:	

Software

Operating System:	Windows XP Professional
Compiler:	Intel C++ Compiler 6.0 (020423Z) Microsoft Visual Studio .NET (7.0.9466) 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
```