CINT2000 Result

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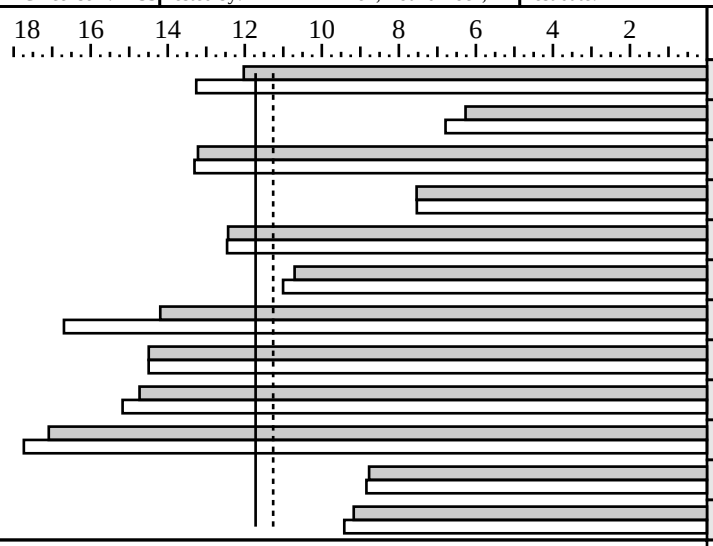
Dell
Precision WorkStation 340 (2.8 GHz P4)

SPECint_rate2000 = 11.7

SPECint_rate_base2000 = 11.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	135	12.0	1	122	13.3
175.vpr	1	259	6.27	1	239	6.79
176.gcc	1	96.6	13.2	1	95.9	13.3
181.mcf	1	277	7.54	1	277	7.53
186.crafty	1	93.3	12.4	1	93.1	12.5
197.parser	1	195	10.7	1	190	11.0
252.eon	1	106	14.2	1	90.3	16.7
253.perlbmk	1	144	14.5	1	144	14.5
254.gap	1	86.6	14.7	1	84.1	15.2
255.vortex	1	129	17.1	1	124	17.7
256.bzip2	1	198	8.77	1	197	8.84
300.twolf	1	379	9.17	1	370	9.42

Hardware

CPU:	Intel Pentium 4 (533 MHz system bus)
CPU MHz:	2800
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
```