CINT2000 Result

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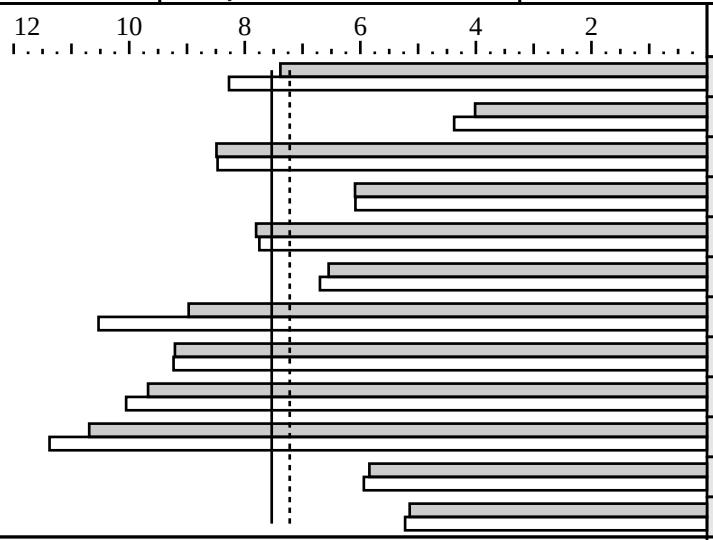
Dell
Precision WorkStation 340 (1.8 GHz P4)

SPECint_rate2000 = 7.53

SPECint_rate_base2000 = 7.22

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Sep-2002 | Hardware Avail: Sep-2001 | Software Avail: Jun-2002



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	220	7.38	1	196	8.27
175.vpr	1	405	4.01	1	371	4.38
176.gcc	1	150	8.49	1	151	8.47
181.mcf	1	343	6.09	1	343	6.08
186.crafty	1	149	7.80	1	150	7.75
197.parser	1	319	6.55	1	312	6.70
252.eon	1	168	8.97	1	143	10.5
253.perlbmk	1	227	9.21	1	226	9.23
254.gap	1	132	9.67	1	127	10.1
255.vortex	1	206	10.7	1	194	11.4
256.bzip2	1	298	5.84	1	293	5.94
300.twolf	1	676	5.15	1	666	5.22

Hardware

CPU:	Intel Pentium 4 (400 MHz system bus)
CPU MHz:	1800
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:	256KB(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
```