CINT2000 Result

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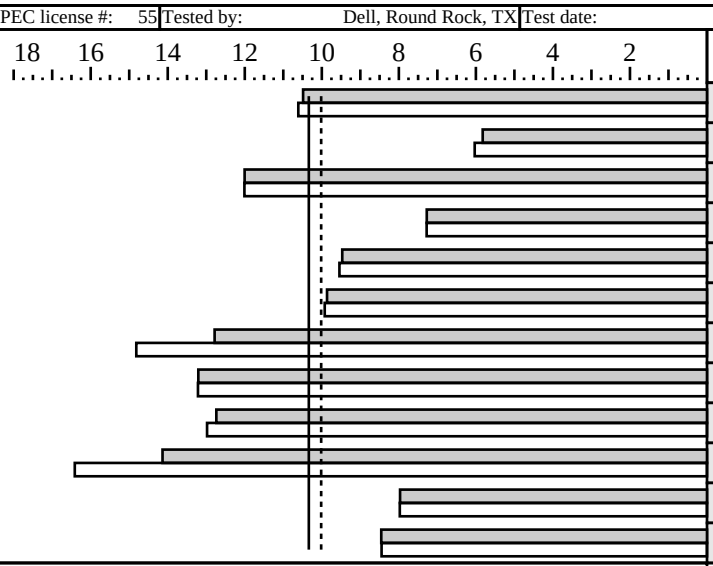
Dell
Precision WorkStation 340 (2.4 GHz P4)

SPECint_rate2000 = 10.3

SPECint_rate_base2000 = 10.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	155	10.5	1	153	10.6
175.vpr	1	279	5.82	1	269	6.03
176.gcc	1	106	12.0	1	106	12.0
181.mcf	1	287	7.28	1	287	7.28
186.crafty	1	123	9.47	1	122	9.54
197.parser	1	212	9.86	1	210	9.92
252.eon	1	118	12.8	1	102	14.8
253.perlbmk	1	158	13.2	1	158	13.2
254.gap	1	100	12.7	1	98.3	13.0
255.vortex	1	156	14.1	1	134	16.4
256.bzip2	1	218	7.97	1	218	7.98
300.twolf	1	412	8.46	1	412	8.45

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 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 10GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows 2000 Professional (SP2)
Compiler:	Intel C++ Compiler 5.0.1 (020125Z) Microsoft Visual C++ 6.0 (SP5) MicroQuill SmartHeap Library 5.0
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 +FDO -QxW shlW32M.lib
  C++:         -Qipo -QxW -GX -GR
PEAK TUNING
  164.gzip:    -Qipo +FDO -QxW -Oi- -Oa
  175.vpr:     -Qwp_ipo +FDO -QxW
  176.gcc:     -Qipo +FDO -QxW shlW32M.lib
  181.mcf:     -Qipo +FDO -QxW shlW32M.lib
  186.crafty:  -Qipo +FDO -QxW -Oa shlW32M.lib
  197.parser:  -Qipo +FDO -QxW
  252.eon:     -Qipo +FDO -QxW
  253.perlbmk: -Qipo +FDO -QxW shlW32M.lib
  254.gap:     -Qipo +FDO -QaxW
```

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Notes/Tuning Information (Continued)

```
    255.vortex:  -Qwp_ipo +FDO -QxW -Oa
    256.bzip2:   -Qipo +FDO -QxW shlW32M.lib
    300.twolf:   -Qipo +FDO -QxW shlW32M.lib
  EXTRA LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 5.0
                 www.microquill.com
```