CINT2000 Result

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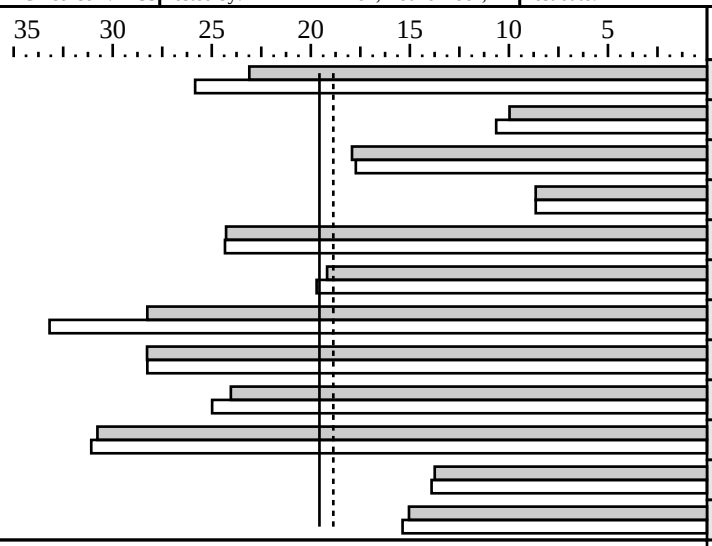
Dell

Precision WorkStation 530 (2.8 GHz Xeon)

SPECint_rate2000 = 19.6

SPECint_rate_base2000 = 18.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	141	23.1	2	126	25.8
175.vpr	2	326	9.97	2	305	10.6
176.gcc	2	142	17.9	2	144	17.7
181.mcf	2	483	8.65	2	483	8.65
186.crafty	2	95.6	24.3	2	95.3	24.3
197.parser	2	218	19.2	2	212	19.7
252.eon	2	107	28.3	2	90.9	33.2
253.perlbmk	2	148	28.3	2	148	28.3
254.gap	2	106	24.0	2	102	25.0
255.vortex	2	143	30.8	2	142	31.1
256.bzip2	2	253	13.7	2	250	13.9
300.twolf	2	463	15.0	2	453	15.4

Hardware

CPU:	Intel Xeon (400 MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1,2
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 PC800-45 ECC RDRAM
Disk Subsystem:	1 x 18GB Fujitsu Limited 10K U160
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
```