CINT2000 Result

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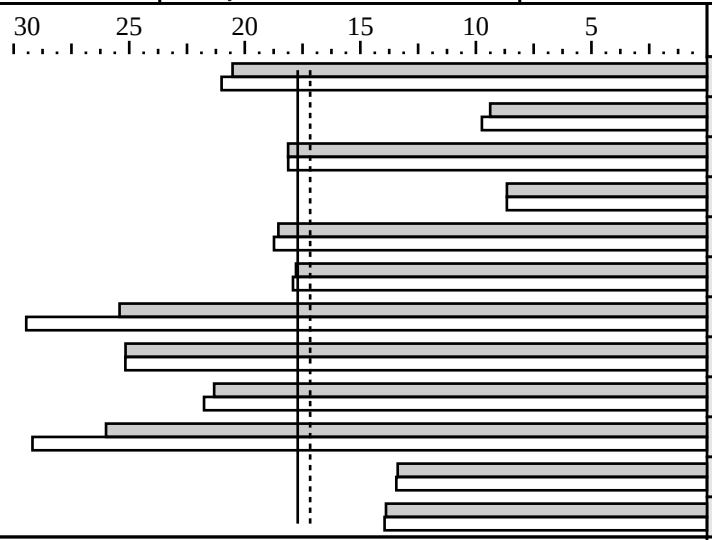
Dell

Precision WorkStation 530 (2.4 GHz Xeon)

SPECint_rate2000 = 17.7

SPECint_rate_base2000 = 17.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	158	20.5	2	155	21.0
175.vpr	2	346	9.38	2	333	9.74
176.gcc	2	141	18.1	2	141	18.1
181.mcf	2	482	8.66	2	482	8.66
186.crafty	2	125	18.5	2	124	18.7
197.parser	2	235	17.8	2	233	17.9
252.eon	2	119	25.4	2	102	29.5
253.perlbmk	2	166	25.2	2	166	25.2
254.gap	2	120	21.3	2	117	21.8
255.vortex	2	170	26.0	2	151	29.2
256.bzip2	2	260	13.4	2	259	13.4
300.twolf	2	501	13.9	2	499	14.0

Hardware

CPU:	Intel Xeon (400 MHz system bus)
CPU MHz:	2400
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 ECC RDRAM
Disk Subsystem:	1 x 9GB Fujitsu 10K U160
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
```