CINT2000 Result

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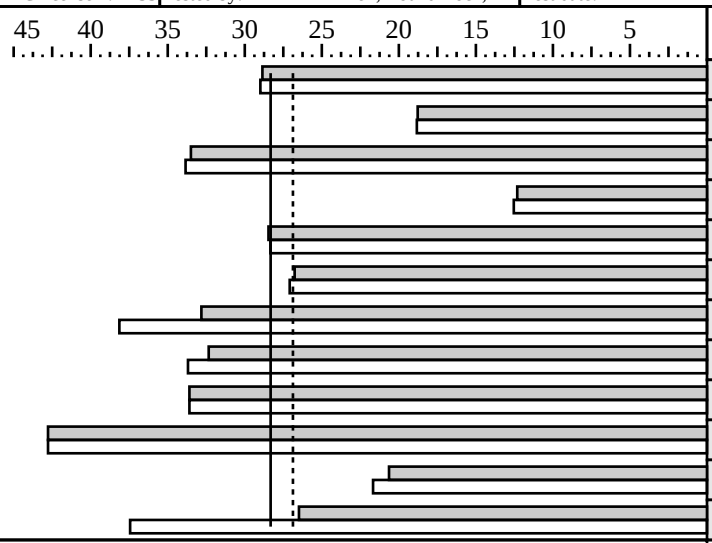
Dell

PowerEdge 2650 (3.2 GHz Xeon, 1MB L3)

SPECint_rate2000 = 28.3

SPECint_rate_base2000 = 26.9

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Oct-2003 | Hardware Avail: Oct-2003 | Software Avail: Apr-2003



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	113	28.9	2	112	29.0
175.vpr	2	173	18.8	2	172	18.8
176.gcc	2	76.2	33.5	2	75.4	33.8
181.mcf	2	339	12.3	2	333	12.5
186.crafty	2	81.5	28.5	2	81.9	28.3
197.parser	2	156	26.8	2	154	27.1
252.eon	2	91.9	32.8	2	79.1	38.1
253.perlbmk	2	129	32.3	2	124	33.7
254.gap	2	76.0	33.6	2	76.0	33.6
255.vortex	2	103	42.8	2	103	42.8
256.bzip2	2	169	20.6	2	161	21.7
300.twolf	2	263	26.5	2	186	37.4

Hardware

CPU:	Intel Pentium Xeon (533 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
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:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	4 X 512MB DDR266
Disk Subsystem:	1 x 17GB Ultra3 Seagate SCSI
Other Hardware:	

Software

Operating System:	Windows 2000 Server (SP2)
Compiler:	Intel C++ Compiler 7.1 (20030402Z) 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.crafy:   -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:           -QxW -Qipo -O3 +FDO
  C++:         -QxW -Qipo -GX -GR
PEAK TUNING
  164.gzip:    -QxW -Qipo -Oa -O3 +FDO
  175.vpr:     -QxW -Qipo     -O3 +FDO
  176.gcc:     -QxW -Qipo     -O3 +FDO
  181.mcf:     -QxW -Qipo     -O3 +FDO shlW32M.lib
  186.crafty:  PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
  197.parser:  -QxW -Qipo     -O3 +FDO
  252.eon:     PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
  253.perlbmk: -QxW -Qipo     -O3 +FDO shlW32M.lib
  254.gap:     basepeak=yes
```

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Notes/Tuning Information (Continued)

```
  255.vortex   basepeak=yes
  256.bzip2:   -Qipo -Oa -Qunroll1 +FDO
  300.twolf:   -Qipo -QxW -O3 -Oa      shlW32M.lib
EXTRA LIBRARIES
  shlW32M.lib: MicroQuill SmartHeap Library 6.01
               www.microquill.com
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS
```