CINT2000 Result

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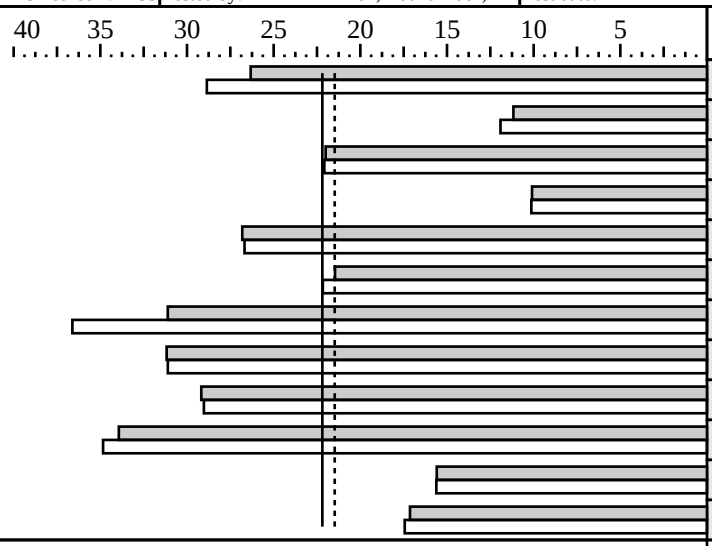
Dell
PowerEdge 2650 (3.06 GHz Xeon)

SPECint_rate2000 = 22.2

SPECint_rate_base2000 = 21.5

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2003 | Hardware Avail: Jun-2003 | Software Avail: Jun-2002



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	123	26.3	2	113	28.9
175.vpr	2	291	11.2	2	273	11.9
176.gcc	2	116	22.0	2	116	22.1
181.mcf	2	414	10.1	2	412	10.1
186.crafty	2	86.5	26.8	2	87.0	26.7
197.parser	2	195	21.5	2	188	22.2
252.eon	2	97.0	31.1	2	82.4	36.6
253.perlbmk	2	134	31.2	2	134	31.1
254.gap	2	87.5	29.2	2	87.9	29.0
255.vortex	2	130	33.9	2	127	34.8
256.bzip2	2	223	15.6	2	223	15.6
300.twolf	2	406	17.1	2	399	17.4

Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	3066
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:	N/A
Other Cache:	N/A
Memory:	4 x 512MB DDR266 CL 2.5
Disk Subsystem:	1 x 18GB Seagate Ultra U320 SCSI
Other Hardware:	

Software

Operating System:	Windows 2000 Server (Build 2195 SP3)
Compiler:	Intel C++ Compiler 6.0 (020423Z) Microsoft Visual Studio .NET (7.0.9466) MicroQuill SmartHeap Library 6.01
File System:	NTFS
System State:	Hyper-Threading Technology disabled in BIOS

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
```