CINT2000 Result

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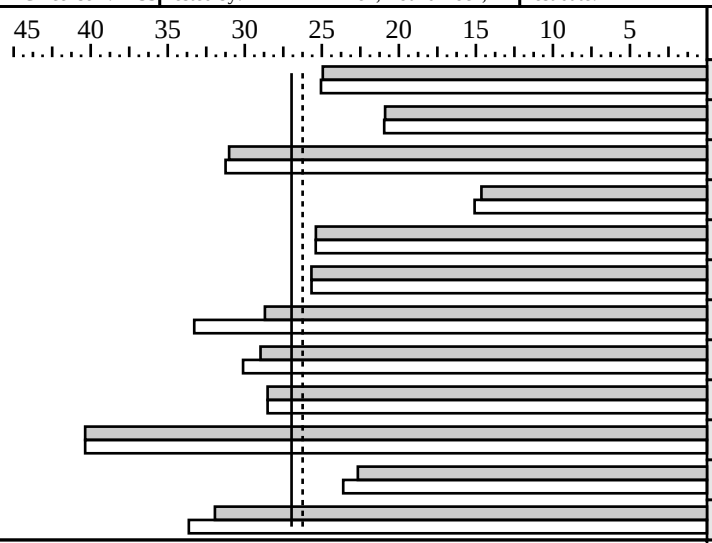
Dell
PowerEdge 6650 (2.8 GHz Xeon MP)

SPECint_rate2000 = 27.0

SPECint_rate_base2000 = 26.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	130	24.9	2	130	25.1
175.vpr	2	155	20.9	2	155	21.0
176.gcc	2	82.3	31.0	2	81.7	31.2
181.mcf	2	285	14.6	2	277	15.1
186.crafty	2	91.4	25.4	2	91.4	25.4
197.parser	2	163	25.7	2	163	25.7
252.eon	2	105	28.7	2	90.6	33.3
253.perlbmk	2	144	29.0	2	139	30.1
254.gap	2	89.5	28.5	2	89.5	28.5
255.vortex	2	109	40.4	2	109	40.4
256.bzip2	2	154	22.7	2	147	23.6
300.twolf	2	218	31.9	2	207	33.6

Hardware

CPU:	Intel Xeon MP (400 MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4 x 1024MB DDR200
Disk Subsystem:	1 x 36GB SEAGATE ST336706LC
Other Hardware:	

Software

Operating System:	Windows 2000 Advanced 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:	Hyper-Threading Technology disabled using BIOS switch. Additional CPUs disabled using /numprocs flag in Windows boot.ini file.

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
  ONESTEP=yes
  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:  -QxW -Qipo     -O3 +FDO
  197.parser:  -QxW -Qipo     -O3 +FDO
  252.eon:     -QxW -Qipo     -O3 +FDO
  253.perlbmk: -QxW -Qipo     -O3 +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    254.gap:     basepeak=yes
    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
```