CINT2000 Result

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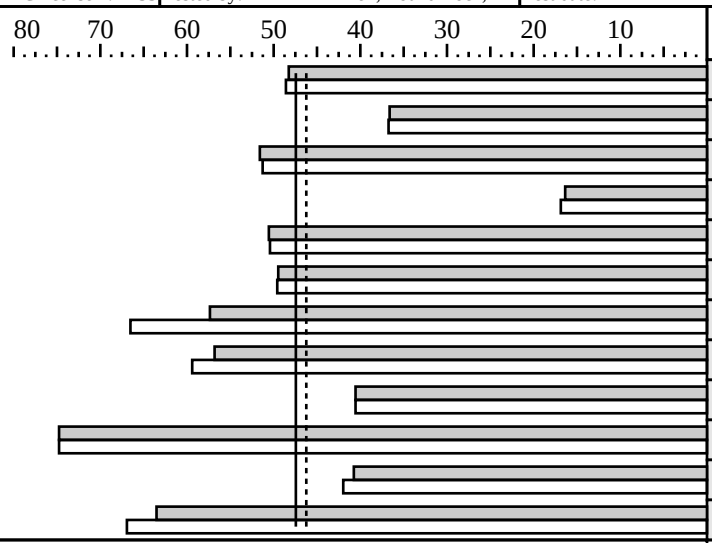
Dell
PowerEdge 6650 (2.8 GHz Xeon MP)

SPECint_rate2000 = 47.4

SPECint_rate_base2000 = 46.2

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	4	135	48.3	4	134	48.6
175.vpr	4	177	36.6	4	177	36.7
176.gcc	4	98.9	51.6	4	99.5	51.3
181.mcf	4	510	16.4	4	495	16.9
186.crafty	4	91.8	50.6	4	92.0	50.4
197.parser	4	169	49.5	4	168	49.6
252.eon	4	105	57.4	4	90.7	66.5
253.perlbmk	4	147	56.8	4	141	59.4
254.gap	4	126	40.6	4	126	40.6
255.vortex	4	118	74.8	4	118	74.8
256.bzip2	4	171	40.8	4	166	42.0
300.twolf	4	219	63.5	4	208	66.9

Hardware

CPU:	Intel Xeon MP (400 MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 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.

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
```