CINT2000 Result

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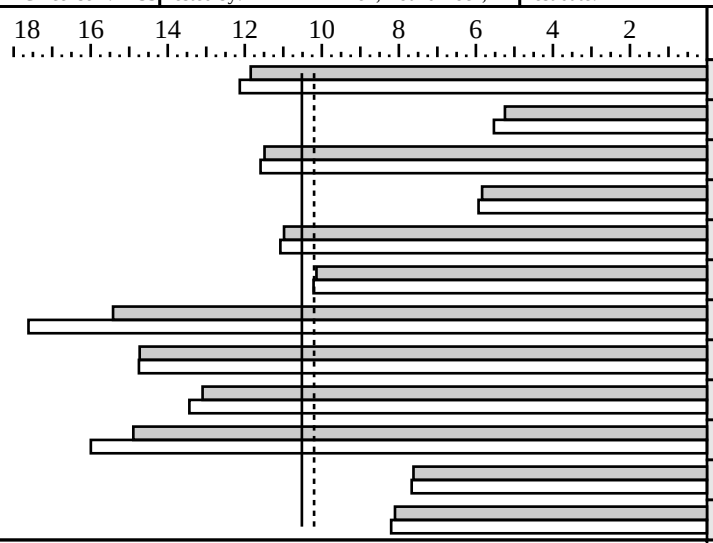
Dell PowerEdge 2650 (2.8 GHz Xeon)

SPECint_rate2000 = 10.5

SPECint_rate_base2000 = 10.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	137	11.8	1	134	12.1
175.vpr	1	310	5.25	1	294	5.53
176.gcc	1	111	11.5	1	110	11.6
181.mcf	1	358	5.84	1	352	5.93
186.crafty	1	106	11.0	1	105	11.1
197.parser	1	206	10.1	1	204	10.2
252.eon	1	97.8	15.4	1	85.6	17.6
253.perlbmk	1	142	14.7	1	142	14.7
254.gap	1	97.4	13.1	1	95.0	13.4
255.vortex	1	148	14.9	1	138	16.0
256.bzip2	1	228	7.62	1	227	7.67
300.twolf	1	430	8.10	1	424	8.20

Hardware

CPU:	Intel Xeon (400 MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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:	None
Other Cache:	None
Memory:	6 x 512MB DDR200
Disk Subsystem:	1 x 36.4GB IBM DDYS-T36950M
Other Hardware:	None

Software

Operating System:	Windows 2000 Advanced Server (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:	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 +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
```