CINT2000 Result

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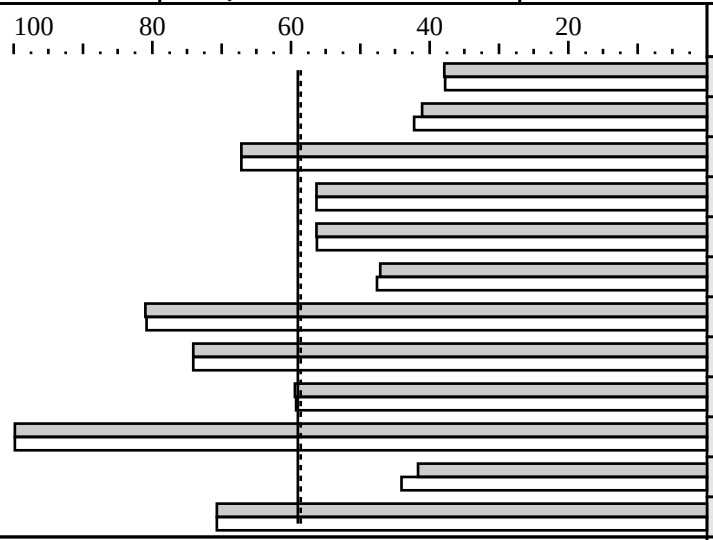
Dell

PowerEdge 840 (Intel Xeon processor 3070, 2.66GHz)

SPECint_rate2000 = 59.0

SPECint_rate_base2000 = 58.6

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	85.7	37.9	2	86.0	37.8
175.vpr	2	79.0	41.1	2	76.9	42.2
176.gcc	2	38.0	67.2	2	38.0	67.2
181.mcf	2	74.1	56.3	2	74.1	56.3
186.crafty	2	41.2	56.3	2	41.2	56.3
197.parser	2	88.6	47.1	2	87.7	47.6
252.eon	2	37.2	81.0	2	37.3	80.8
253.perlbmk	2	56.4	74.1	2	56.4	74.1
254.gap	2	42.9	59.4	2	43.1	59.3
255.vortex	2	44.2	99.8	2	44.2	99.8
256.bzip2	2	83.5	41.7	2	79.0	44.1
300.twolf	2	98.5	70.7	2	98.5	70.7

Hardware

CPU:	Intel Xeon processor 3070 (1066MHz system bus)
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1GB DDR2-667 Dual Ranked SDRAM
Disk Subsystem:	1 x 73GB SAS 10000 RPM
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler:	Intel C++ Compiler 9.1 for IA32(20060323Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
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
BASE TUNING
  C:           -fast +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
254.gap:     -fast +FDO
255.vortex   basepeak=yes
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   basepeak=yes
```