CINT2000 Result

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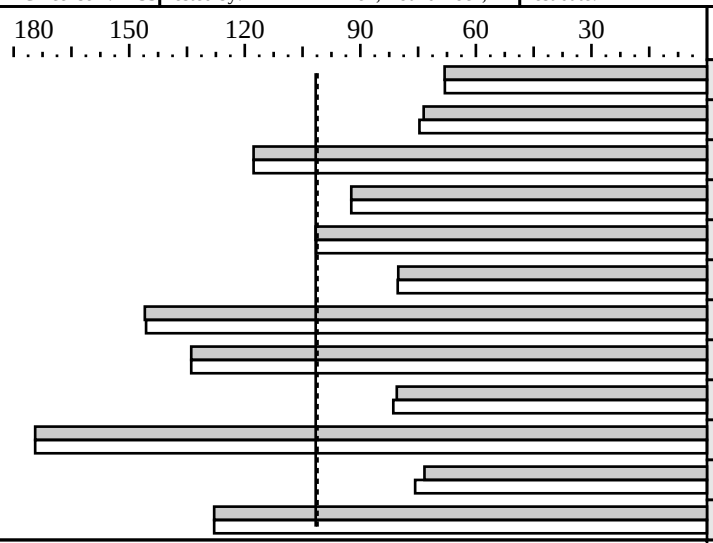
Dell

PowerEdge 840 (Intel Xeon processor X3220, 2.40GHz)

SPECint_rate2000 = 102

SPECint_rate_base2000 = 101

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jan-2007 | Hardware Avail: Jan-2007 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	95.4	68.1	4	95.5	68.1
175.vpr	4	88.3	73.6	4	87.0	74.7
176.gcc	4	43.4	118	4	43.4	118
181.mcf	4	90.4	92.4	4	90.4	92.4
186.crafty	4	45.7	102	4	45.7	101
197.parser	4	104	80.2	4	104	80.3
252.eon	4	41.3	146	4	41.4	146
253.perlbmk	4	62.4	134	4	62.4	134
254.gap	4	63.4	80.5	4	62.7	81.4
255.vortex	4	50.5	174	4	50.5	174
256.bzip2	4	94.9	73.3	4	91.9	75.8
300.twolf	4	109	128	4	109	128

Hardware

CPU:	Intel Xeon processor X3220 (1066MHz system bus)
CPU MHz:	2400
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip per core
Secondary Cache:	8 MB I+D on chip (4 MB shared per 2 cores)
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
Compiler:	Intel C++ Compiler 9.1 for IA32(20060519Z) 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
Adjacent Sector Prefetch disabled in BIOS, default enabled
```