CINT2000 Result

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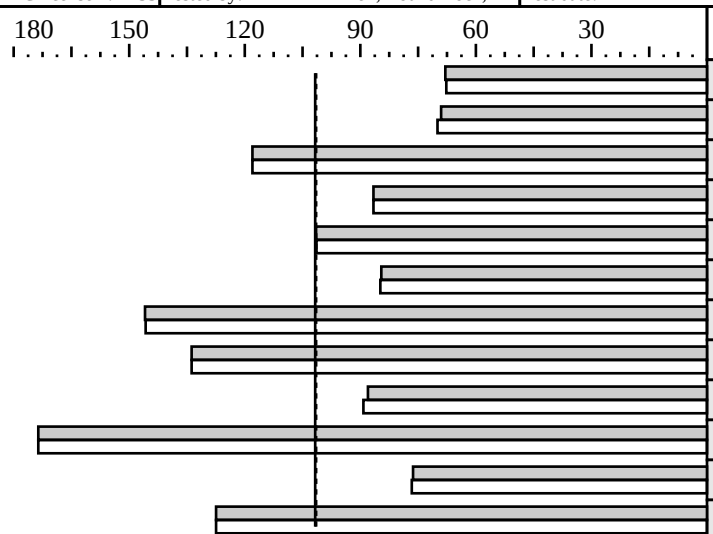
Dell

PowerEdge 860 (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	95.6	67.9	4	96.0	67.7
175.vpr	4	94.1	69.0	4	92.8	70.0
176.gcc	4	43.3	118	4	43.3	118
181.mcf	4	96.5	86.6	4	96.5	86.6
186.crafty	4	45.7	101	4	45.8	101
197.parser	4	98.8	84.6	4	98.5	84.8
252.eon	4	41.3	146	4	41.4	146
253.perlbmk	4	62.4	134	4	62.4	134
254.gap	4	58.0	88.0	4	57.2	89.2
255.vortex	4	50.8	174	4	50.8	174
256.bzip2	4	91.2	76.3	4	90.8	76.6
300.twolf	4	109	127	4	109	127

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
```