



CINT2000 Result

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Dell
PowerEdge 1850 (3.6GHz, Intel Xeon)

SPECint_rate2000 = 33.2
SPECint_rate_base2000 = 31.5

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Aug-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	120	27.0	2	121	26.9
175.vpr	2	151	21.5	2	151	21.5
176.gcc	2	63.1	40.4	2	63.1	40.4
181.mcf	2	220	19.0	2	219	19.1
186.crafty	2	76.4	30.4	2	75.3	30.8
197.parser	2	138	30.3	2	138	30.3
252.eon	2	75.9	39.8	2	63.0	47.9
253.perlbnk	2	110	37.8	2	97.7	42.7
254.gap	2	67.0	38.1	2	67.0	38.1
255.vortex	2	78.2	56.4	2	78.2	56.4
256.bzip2	2	147	23.6	2	145	23.9
300.twolf	2	225	30.9	2	169	41.2

Hardware

CPU: Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 16K(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 2GB ECC DDR2-400 SDRAM
 Disk Subsystem: 1x18.2GB 15K Ultra320 SCSI
 Other Hardware:

Software

Operating System: Windows Enterprise Server 2003
 Compiler: Intel C/C++ Compiler 8.0 (20040318Z)
 Microsoft Visual Studio .NET (7.0.9466)
 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.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -QxP -Qipo -O3 +FDO
 C++: -QxP -Qipo -GX -GR

PEAK TUNING

164.gzip: -QxP -Qipo -O3 -Oa +FDO
 175.vpr: basepeak=yes
 176.gcc: basepeak=yes
 181.mcf: -QxP -Qipo -O3 +FDO shlw32M.lib
 186.crafty: -QxP -Qipo -O3 -Oa +FDO shlw32M.lib
 197.parser: basepeak=yes
 252.eon: -QxP -Qipo -O3 +FDO
 253.perlbnk: -QxP -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 shlW32M.lib
300.twolf:    -QxP -Qipo -O3      +FDO shlW32M.lib
EXTRA LIBRARIES
shlW32M.lib:  MicroQuill SmartHeap Library 7.1
              www.microquill.com
```