



CINT2000 Result

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Dell
PowerEdge SC1425 (3.8GHz Intel Xeon)

SPECint_rate2000 = 42.3
SPECint_rate_base2000 = 41.0

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2005 | Hardware Avail: Oct-2005 | Software Avail: Mar-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	166	39.2	4	166	39.0
175.vpr	4	231	28.2	4	231	28.2
176.gcc	4	91.6	55.7	4	91.6	55.7
181.mcf	4	338	24.7	4	338	24.7
186.crafty	4	143	32.4	4	139	33.4
197.parser	4	200	41.8	4	200	41.8
252.eon	4	110	54.8	4	110	54.8
253.perlbnk	4	190	43.9	4	177	47.2
254.gap	4	108	47.1	4	108	47.1
255.vortex	4	135	65.4	4	135	65.3
256.bzip2	4	192	36.2	4	193	36.1
300.twolf	4	336	41.5	4	260	53.5

Hardware

CPU: Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
 CPU MHz: 3800
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12KB(I) + 16KB(D) on chip
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
 Disk Subsystem: 1 x 36GB 15000RPM SCSI
 Other Hardware: None

Software

Operating System: Windows Server 2003, Standard Edition, Service Pack 1
 Compiler: Intel C/C++ Compiler 8.1 for IA32 (20041119Z)
 Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
 MicroQuill SmartHeap Library 7.1
 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
 252.eon: srcalt=stdcpp
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast -Qansi_alias +FDO
 C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast -Qansi_alias -Oa +FDO
 175.vpr: basepeak=yes
 176.gcc: basepeak=yes
 181.mcf: basepeak=yes
 186.crafty: -fast -Oa +FDO shlw32M.lib
 197.parser: basepeak=yes
 252.eon: -fast +FDO



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Notes/Tuning Information (Continued)

```
253.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap:      basepeak=yes
255.vortex   -fast +FDO
256.bzip2:   -fast -Qunroll11 -Oa +FDO
300.twolf:   -fast +FDO shlw32M.lib
```