



CINT2000 Result

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Dell Inc.
PowerEdge 1420SC (3.6Ghz Intel Xeon)

SPECint_rate2000 = 38.1
SPECint_rate_base2000 = 37.7

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Jan-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2004

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	118	27.4	2	120	27.1
175.vpr	2	120	27.1	2	120	27.1
176.gcc	2	56.0	45.6	2	56.0	45.6
181.mcf	2	113	36.9	2	113	36.9
186.crafty	2	74.9	31.0	2	74.5	31.1
197.parser	2	124	33.8	2	124	33.8
252.eon	2	58.3	51.8	2	58.0	52.0
253.perlbnk	2	99.5	42.0	2	87.0	48.0
254.gap	2	65.2	39.2	2	65.2	39.2
255.vortex	2	70.7	62.4	2	71.0	62.1
256.bzip2	2	121	28.8	2	121	28.8
300.twolf	2	168	41.4	2	166	41.9

Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x512MB (dual-ranked) ECC DDR2-400 SDRAM
 Disk Subsystem: 1 x 120GB 7200RPM SATA
 Other Hardware: None

Software

Operating System: Windows 2003 Server, Standard Edition
 Compiler: Intel C/C++ Compiler 8.1 (20041019Z)
 Intel Fortran Compiler 8.1 (20041019Z)
 Microsoft Visual Studio .NET 2003(7.1.3088)
 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: Approved src.alt stdcpp
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

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

PEAK TUNING

164.gzip: -fast -QxP -Qansi_alias -Oa +FDO
 175.vpr: basepeak=yes
 176.gcc: basepeak=yes
 181.mcf: basepeak=yes
 186.crafty: -fast -QxP -Oa +FDO shlW32M.lib
 197.parser: basepeak=yes
 252.eon: -fast -QxP +FDO



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Notes/Tuning Information (Continued)

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