



CINT2000 Result

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Dell Inc.
PowerEdge 2800 (3.6Ghz Intel Xeon)

SPECint2000 = 1716
SPECint_base2000 = 1696

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	117	1201	118	1191	
175.vpr	1400	115	1216	115	1216	
176.gcc	1100	54.2	2029	54.2	2029	
181.mcf	1800	93.0	1935	93.0	1935	
186.crafty	1000	74.9	1335	74.6	1341	
197.parser	1800	122	1472	122	1472	
252.eon	1300	58.3	2230	58.0	2241	
253.perlbnk	1800	97.3	1849	85.9	2095	
254.gap	1100	57.3	1921	57.3	1921	
255.vortex	1900	68.3	2784	68.2	2786	
256.bzip2	1500	117	1277	117	1283	
300.twolf	3000	169	1780	166	1804	

Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 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: 4x2048MB (dual-ranked) ECC DDR2-400 SDRAM
 Disk Subsystem: 1 x 18GB 15000RPM SCSI
 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)

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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
```