



CINT2000 Result

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Dell
PowerEdge 1800 (3.8GHz Intel Xeon)

SPECint2000 = **1769**
SPECint_base2000 = **1748**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	111	1260	112	1253	
175.vpr	1400	114	1232	114	1232	
176.gcc	1100	52.6	2093	52.6	2093	
181.mcf	1800	95.2	1891	95.2	1891	
186.crafty	1000	72.1	1387	71.3	1403	
197.parser	1800	118	1527	118	1527	
252.eon	1300	54.7	2378	55.0	2365	
253.perlbnk	1800	92.2	1953	81.1	2218	
254.gap	1100	55.3	1989	55.3	1989	
255.vortex	1900	69.1	2751	69.0	2753	
256.bzip2	1500	114	1314	114	1319	
300.twolf	3000	160	1876	159	1892	

Hardware

CPU: Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
 CPU MHz: 3800
 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: 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)

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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
```