



CINT2000 Result

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Dell
PowerEdge SC1425 (3.8GHz Intel Xeon)

SPECint2000 = **1766**
SPECint_base2000 = **1744**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	111	1259	112	1251	
175.vpr	1400	114	1231	114	1231	
176.gcc	1100	52.6	2090	52.6	2090	
181.mcf	1800	95.3	1888	95.3	1888	
186.crafty	1000	72.3	1383	71.4	1400	
197.parser	1800	118	1524	118	1524	
252.eon	1300	54.8	2373	55.1	2360	
253.perlbmk	1800	93.3	1929	81.4	2211	
254.gap	1100	55.4	1987	55.4	1987	
255.vortex	1900	69.0	2753	69.0	2755	
256.bzip2	1500	114	1311	114	1316	
300.twolf	3000	160	1870	159	1889	

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.perlbmk: -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
```