



CINT2000 Result

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Dell
PowerEdge 1855 (3.8GHz Intel Xeon)

SPECint2000 = **1774**
SPECint_base2000 = **1753**

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	1265	111	1259	
175.vpr	1400	113	1235	113	1235	
176.gcc	1100	52.2	2107	52.2	2107	
181.mcf	1800	95.0	1894	95.0	1894	
186.crafty	1000	72.0	1389	71.1	1406	
197.parser	1800	118	1526	118	1526	
252.eon	1300	54.6	2381	54.9	2368	
253.perlbmk	1800	91.9	1958	81.0	2222	
254.gap	1100	55.2	1992	55.2	1992	
255.vortex	1900	68.8	2763	68.7	2767	
256.bzip2	1500	114	1318	113	1323	
300.twolf	3000	160	1879	158	1896	

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
```