



CINT2000 Result

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Dell
PowerEdge 2800 (3.8GHz Intel Xeon)

SPECint2000 = **1768**
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	1000	2000	3000	4000
164.gzip	1400	111	1263	112	1255				
175.vpr	1400	114	1231	114	1231				
176.gcc	1100	52.6	2093	52.6	2093				
181.mcf	1800	95.3	1890	95.3	1890				
186.crafty	1000	72.2	1386	71.3	1402				
197.parser	1800	118	1526	118	1526				
252.eon	1300	54.7	2377	55.0	2364				
253.perlbnk	1800	92.4	1948	81.2	2218				
254.gap	1100	55.4	1987	55.4	1987				
255.vortex	1900	69.0	2752	68.9	2756				
256.bzip2	1500	114	1315	114	1318				
300.twolf	3000	160	1875	159	1891				

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
```