



CINT2000 Result

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Dell PowerEdge 840

SPECint2000 = --
SPECint_base2000 = 1518

SPEC license #: 55 Tested by: Dell, Inc., Round Rock, TX. Test date: Jan-2007 Hardware Avail: Jan-2007 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	135	1034			
175.vpr	1400	135	1041			
176.gcc	1100	60.1	1829			
181.mcf	1800	97.6	1844			
186.crafty	1000	88.8	1126			
197.parser	1800	142	1271			
252.eon	1300	63.7	2041			
253.perlbmk	1800	98.0	1837			
254.gap	1100	64.1	1716			
255.vortex	1900	74.6	2546			
256.bzip2	1500	131	1143			
300.twolf	3000	195	1542			

Hardware

CPU: Intel Pentium D 925 (800MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12 K micro-ops I + 16 KB D on chip per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 2 GB (4x512 MB 667MHz ECC DDR2 SDRAM)
Disk Subsystem: 1 x 73GB
Other Hardware:

Software

Operating System: Windows Server 2003 Standard Edition (32-bit)
Compiler: Intel C++ Compiler 9.1 for IA32(20060519Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
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
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast +FDO shlw32M.lib
C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast +FDO
175.vpr: -fast +FDO
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -Oa +FDO shlw32M.lib
197.parser: -fast +FDO
252.eon: -fast +FDO
253.perlbmk: basepeak=yes



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Notes/Tuning Information (Continued)

254.gap: -fast +FDO
255.vortex basepeak=yes
256.bzip2: -fast -Qunroll11 -Oa +FDO
300.twolf: basepeak=yes