



CINT2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(2.67 GHz, Intel(R) Core(TM) 2 processor E6700)

SPECint2000 = 2848

SPECint_base2000 = 2842

SPEC license #: 13 Tested by: Intel Corporation Test date: Jul-2006 Hardware Avail: Jul-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	85.0	1648	84.0	1666	
175.vpr	1400	67.0	2090	65.4	2140	
176.gcc	1100	35.5	3096	35.5	3096	
181.mcf	1800	38.1	4723	38.1	4723	
186.crafty	1000	40.4	2476	40.5	2466	
197.parser	1800	85.9	2095	86.1	2091	
252.eon	1300	37.4	3473	37.4	3478	
253.perlbmk	1800	54.3	3318	54.4	3310	
254.gap	1100	38.7	2840	38.7	2840	
255.vortex	1900	38.6	4927	38.6	4927	
256.bzip2	1500	69.4	2160	69.6	2154	
300.twolf	3000	98.1	3057	98.1	3057	

Hardware

CPU: Intel(R) Core(TM) 2 processor E6700(2.67 GHz, 1066 MHz bus)
CPU MHz: 2667
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32KBI + 32KBD per core
Secondary Cache: 4MB(I+D) shared, per chip
L3 Cache: None
Other Cache: None
Memory: 2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5 DIMMs)
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware: ATI Radeon X1900 XTX PCI express graphics card

Software

Operating System: Windows XP Professional SP2
Compiler: Intel C++ Compiler 9.1 for 32-bit applications
Build 20060323Z Package ID: W_CC_P_9.1.020
Microsoft Visual Studio 2005(for libraries)
SmartHeap Library Version 8.0 from <http://www.microquill.com/>
File System: NTFS
System State: Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip: -fast -Qansi_alias -Oa +FDO
175.vpr: -fast -Qansi_alias +FDO
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -Qansi_alias -Oa +FDO
197.parser: -fast -Qansi_alias +FDO
252.eon: -fast +FDO
253.perlbmk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
```



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Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO

300.twolf: -fast -O3 +FDO shlw32M.lib

Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply

Product description located as of 07/2006

<http://www.intel.com/products/motherboard/dg965wh/index.htm>

The system bus runs at 1066 MHz