



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) DG965WH motherboard( 2.4 GHz, Intel(R) Core(TM) 2 Duo processor E6600)

SPECint2000 = 2563

SPECint\_base2000 = 2559

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	94.2	1487	93.8	1492	
175.vpr	1400	74.1	1889	72.3	1936	
176.gcc	1100	39.5	2785	39.5	2785	
181.mcf	1800	41.6	4329	41.6	4329	
186.crafty	1000	45.2	2214	45.3	2207	
197.parser	1800	95.8	1879	96.0	1875	
252.eon	1300	41.9	3106	41.8	3111	
253.perlbmk	1800	60.5	2973	60.7	2966	
254.gap	1100	42.8	2571	42.8	2571	
255.vortex	1900	42.7	4454	42.7	4454	
256.bzip2	1500	77.5	1934	77.8	1929	
300.twolf	3000	110	2736	110	2736	

### Hardware

CPU: Intel(R) Core(TM) 2 Duo processor E6600( 2.4 GHz, 1066 MHz bus)  
CPU MHz: 2400  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 32KBI + 32KBD per core, on chip  
Secondary Cache: 4 MB(I+D) per chip, on chip (shared)  
L3 Cache: None  
Other Cache: None  
Memory: 2 GB (2 1GB Micron MT16HTF12864AY-80ED4 DDR2 800, CL5)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)  
Other Hardware: SoundBlaster Live! PCI 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

```
+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.crafty: -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 -Qunroll1 +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 1/2007:

<http://www.intel.com/products/motherboard/DG965WH/index.htm>

The system bus runs at 1066 MHz