



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) DG965WH motherboard( 1.86 GHz, Intel(R) Core(TM) 2 processor E6300)

SPECint2000 = 1912

SPECint\_base2000 = 1909

SPEC license #: 13 Tested by: Intel(R) 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	121	1160	120	1162	
175.vpr	1400	102	1369	99.9	1402	
176.gcc	1100	51.4	2141	51.4	2141	
181.mcf	1800	69.9	2575	69.9	2575	
186.crafty	1000	58.3	1716	58.4	1712	
197.parser	1800	127	1416	127	1414	
252.eon	1300	53.4	2433	53.3	2438	
253.perlbmk	1800	78.9	2283	79.2	2273	
254.gap	1100	54.0	2038	54.0	2038	
255.vortex	1900	56.9	3341	56.9	3341	
256.bzip2	1500	109	1381	109	1378	
300.twolf	3000	142	2111	142	2111	

### Hardware

CPU: Intel(R) Core(TM) 2 processor E6300( 1.86 GHz, 1066 MHz bus)  
CPU MHz: 1867  
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: 2MB(I+D) shared, per chip, on 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 X850 XT 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

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FDO shlw32M-80.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M-80.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-80.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-80.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