



CINT2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(3.2 GHz, Intel(R) Pentium(TM) D processor 940)

SPECint2000 = 1614

SPECint_base2000 = 1614

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	1000 2000 3000 4000			
164.gzip	1400	127	1106	127	1104	[Bar chart showing ratio 1104]			
175.vpr	1400	126	1108	125	1119	[Bar chart showing ratio 1119]			
176.gcc	1100	59.0	1864	59.0	1864	[Bar chart showing ratio 1864]			
181.mcf	1800	88.0	2044	88.0	2044	[Bar chart showing ratio 2044]			
186.crafty	1000	83.1	1203	83.6	1196	[Bar chart showing ratio 1196]			
197.parser	1800	142	1266	142	1270	[Bar chart showing ratio 1270]			
252.eon	1300	60.0	2167	60.2	2159	[Bar chart showing ratio 2159]			
253.perlbmk	1800	92.8	1939	93.1	1934	[Bar chart showing ratio 1934]			
254.gap	1100	60.3	1825	60.3	1825	[Bar chart showing ratio 1825]			
255.vortex	1900	65.6	2895	65.6	2895	[Bar chart showing ratio 2895]			
256.bzip2	1500	123	1218	123	1217	[Bar chart showing ratio 1217]			
300.twolf	3000	184	1627	185	1626	[Bar chart showing ratio 1626]			

Hardware

CPU: Intel(R) Pentium(TM) D processor 940(3.2 GHz, 800 MHz bus)
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops1 + 16KBD per core, on chip
Secondary Cache: 2 MB(I+D) per core, on chip
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