



CINT2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(3.6 GHz, Intel(R) Pentium(TM) D processor 960)

SPECint2000 = 1795

SPECint_base2000 = 1796

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	113	1240	113	1238				
175.vpr	1400	114	1228	113	1239				
176.gcc	1100	52.9	2080	52.9	2080				
181.mcf	1800	82.5	2182	82.5	2182				
186.crafty	1000	73.9	1353	74.4	1345				
197.parser	1800	127	1415	127	1419				
252.eon	1300	53.3	2438	53.6	2425				
253.perlbmk	1800	82.8	2174	83.0	2168				
254.gap	1100	54.2	2029	54.2	2029				
255.vortex	1900	59.3	3203	59.3	3203				
256.bzip2	1500	111	1350	111	1349				
300.twolf	3000	164	1830	164	1829				

Hardware

CPU: Intel(R) Pentium(TM) D processor 960(3.6 GHz, 800 MHz bus)
CPU MHz: 3600
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