



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) D975XBX motherboard (3.73 GHz, Intel Pentium(R) processor Extreme Edition 965)

SPECint2000 = 1869

SPECint\_base2000 = 1870

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	109	1285	109	1285	[Bar chart showing ratio 1285]			
175.vpr	1400	109	1283	108	1291	[Bar chart showing ratio 1291]			
176.gcc	1100	50.9	2162	50.9	2162	[Bar chart showing ratio 2162]			
181.mcf	1800	77.5	2322	77.5	2322	[Bar chart showing ratio 2322]			
186.crafty	1000	71.4	1400	71.9	1391	[Bar chart showing ratio 1391]			
197.parser	1800	122	1478	122	1480	[Bar chart showing ratio 1480]			
252.eon	1300	51.5	2527	51.8	2512	[Bar chart showing ratio 2512]			
253.perlbmk	1800	79.6	2261	79.8	2255	[Bar chart showing ratio 2255]			
254.gap	1100	51.7	2126	51.7	2126	[Bar chart showing ratio 2126]			
255.vortex	1900	57.1	3330	57.1	3330	[Bar chart showing ratio 3330]			
256.bzip2	1500	108	1395	107	1396	[Bar chart showing ratio 1396]			
300.twolf	3000	158	1898	158	1899	[Bar chart showing ratio 1899]			

### Hardware

CPU: Intel(R) Pentium(R) processor Extreme Edition 965( 3.73 GHz, 1066 MHz bus)  
CPU MHz: 3733  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD per core  
Secondary Cache: 2MB(I+D) per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCO Serial ATA (7200 RPM, 16MB cache)  
Other Hardware: ATI Radeon X1900 XTX PCI express

### 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
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 03/2006

<http://www.intel.com/products/motherboard/D975XBX/index.htm>

The system bus runs at 1066 MHz