



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) D975XB2 motherboard(2.93 GHz, Intel(R) Core(TM) 2 Extreme processor X6800)

SPECint\_rate2000 = 63.2

SPECint\_rate\_base2000 = 63.1

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	79.8	40.7	2	78.9	41.2
175.vpr	2	73.6	44.1	2	72.1	45.1
176.gcc	2	36.0	70.8	2	36.0	70.8
181.mcf	2	71.2	58.7	2	71.2	58.7
186.crafty	2	37.6	61.8	2	37.7	61.6
197.parser	2	86.0	48.5	2	86.8	48.1
252.eon	2	34.8	86.6	2	34.8	86.8
253.perlbnk	2	52.1	80.1	2	52.3	79.8
254.gap	2	40.3	63.3	2	40.3	63.3
255.vortex	2	40.3	109	2	40.3	109
256.bzip2	2	72.0	48.4	2	72.1	48.3
300.twolf	2	91.4	76.2	2	91.3	76.3

### Hardware

CPU: Intel(R) Core(TM) 2 Extreme processor X6800(2.93 GHz, 1066 MHz bus)  
CPU MHz: 2933  
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: nVidia Quad SLI GeForce 7950 GX2 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.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbnk: -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.perlbnk: -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 11/2006

<http://www.intel.com/products/motherboard/D975XBX2/index.htm>

The system bus runs at 1066 MHz