



CINT2000 Result

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Intel(R) Corporation

Intel(R) D975XBX2 motherboard(2.67 GHz, Intel(R) Core(TM) 2 Extreme processor QX6700)

SPECint_rate2000 = 107

SPECint_rate_base2000 = 107

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

250	200	150	100	50	Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
					164.gzip	4	88.2	73.6	4	87.3	74.4
					175.vpr	4	92.0	70.6	4	90.8	71.5
					176.gcc	4	40.8	125	4	40.8	125
					181.mcf	4	110	75.9	4	110	75.9
					186.crafty	4	41.6	112	4	41.8	111
					197.parser	4	96.4	86.6	4	96.3	86.8
					252.eon	4	38.2	158	4	37.8	160
					253.perlbnk	4	57.3	146	4	57.5	145
					254.gap	4	54.7	93.3	4	54.7	93.3
					255.vortex	4	46.0	192	4	46.0	192
					256.bzip2	4	82.3	84.6	4	81.9	85.0
					300.twolf	4	101	138	4	101	138

Hardware

CPU: Intel(R) Core(TM) 2 Extreme processor QX6700(2.67 GHz, 1066 MHz bus)
CPU MHz: 2667
FPU: Integrated
CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32KBI + 32KBD per core, on chip
Secondary Cache: 8 MB(I+D) per chip, on chip (4MB shared per 2 cores)
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