



# CFP2000 Result

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## Intel(R) Corporation

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

SPECfp\_rate2000 = 65.3

SPECfp\_rate\_base2000 = 65.6

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	
250	200	150	100	50	168.wupwise	4	88.9	83.5	4	89.0	83.5
					171.swim	4	399	36.1	4	398	36.1
					172.mgrid	4	244	34.2	4	245	34.2
					173.applu	4	273	35.7	4	273	35.7
					177.mesa	4	57.5	113	4	57.5	113
					178.galgel	4	65.5	205	4	66.5	202
					179.art	4	69.3	174	4	69.3	174
					183.quake	4	118	51.2	4	118	51.1
					187.facerec	4	103	85.3	4	104	84.8
					188.amp	4	146	70.0	4	148	69.0
					189.lucas	4	244	38.1	4	244	38.1
					191.fma3d	4	209	46.6	4	209	46.6
					200.sixtrack	4	108	47.4	4	109	46.7
					301.apsi	4	169	71.2	4	170	71.0

### 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 Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs: -fast +FDO shlW32M-80.lib
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -fast -Qansi_alias +FDO
171.swim: -fast -Qansi_alias +FDO
172.mgrid: -fast -Qansi_alias +FDO
173.applu: basepeak=yes
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -QxP -Oa -Qrcd -Qipo +FDO shlW32M-80.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -fast -Oa +FDO shlW32M-80.lib
189.lucas: -fast -Qprefetch- +FDO
```



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## Notes/Tuning Information (Continued)

191.fma3d: basepeak=yes

200.sixtrack: -Qipo -QxP +FDO

301.apsi: -fast +FDO

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