



# CFP2000 Result

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## Intel(R) Corporation

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

SPECfp2000 = 2108

SPECfp\_base2000 = 2104

SPEC license #: 13 Tested by: Intel(R) Corporation Test date: Mar-2006 Hardware Avail: Mar-2006 Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	53.9	2968	53.8	2972	
171.swim	3100	110	2811	110	2814	
172.mgrid	1800	108	1667	108	1673	
173.applu	2100	121	1741	118	1774	
177.mesa	1400	86.2	1624	86.2	1624	
178.galgel	2900	73.7	3935	73.7	3935	
179.art	2600	47.3	5494	47.3	5494	
183.quake	1300	41.5	3131	40.9	3180	
187.facerec	1900	85.8	2216	86.1	2207	
188.amp	2200	166	1322	165	1331	
189.lucas	2000	83.9	2383	83.6	2391	
191.fma3d	2100	125	1682	125	1682	
200.sixtrack	1100	149	740	151	730	
301.apsi	2600	181	1439	181	1436	

### 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(R) C++ and Fortran Compiler 9.0 for 32-bit Build 20050430Z  
Microsoft Visual Studio .Net 2003(for libraries)  
SmartHeap Library Version 7.4 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 shlw32M.lib +FDO
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: -fast -Qscalar_rep- -Qauto +FDO
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -QxP -Oa -Qrcd -Qipo shlw32M.lib +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -fast -Oa +FDO shlw32M.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 03/2006

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

The system bus runs at 1066 MHz