



# CFP2000 Result

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## Intel(R) Corporation

Intel(R) D975XBX motherboard( 3.46 GHz, Intel(R) Pentium(R) processor Extreme Edition 955)

SPECfp2000 = 2006

SPECfp\_base2000 = 2000

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	56.5	2832	56.5	2830	
171.swim	3100	112	2780	111	2783	
172.mgrid	1800	114	1577	114	1578	
173.applu	2100	127	1656	125	1685	
177.mesa	1400	92.6	1512	92.6	1512	
178.galgel	2900	78.7	3683	78.3	3706	
179.art	2600	49.2	5281	49.2	5281	
183.earthquake	1300	43.2	3008	42.5	3061	
187.facerec	1900	90.5	2100	90.2	2106	
188.amp	2200	175	1255	174	1267	
189.lucas	2000	87.1	2296	86.9	2302	
191.fma3d	2100	132	1594	132	1594	
200.sixtrack	1100	160	687	162	681	
301.apsi	2600	192	1355	192	1354	

### Hardware

CPU: Intel(R) Pentium(R) processor Extreme Edition 955( 3.46 GHz, 1066 MHz bus)  
CPU MHz: 3466  
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.earthquake: -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