



CFP2000 Result

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Intel(R) Corporation

Intel(R) D975XBX2 motherboard (3.73 GHz, Intel(R) Pentium(TM) processor Extreme Edition 965)

SPECfp2000 = 2219

SPECfp_base2000 = 2212

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	37.7	4245	37.6	4256	
171.swim	3100	103	3000	103	3002	
172.mgrid	1800	108	1668	108	1665	
173.applu	2100	106	1973	106	1973	
177.mesa	1400	87.7	1596	87.7	1596	
178.galgel	2900	74.0	3919	74.1	3915	
179.art	2600	47.3	5503	47.3	5503	
183.quake	1300	39.3	3308	37.9	3432	
187.facerec	1900	84.5	2248	84.2	2258	
188.amp	2200	163	1351	162	1361	
189.lucas	2000	82.1	2436	81.9	2441	
191.fma3d	2100	118	1785	118	1785	
200.sixtrack	1100	151	726	153	721	
301.apsi	2600	177	1470	177	1470	

Hardware

CPU: Intel(R) Pentium(TM) 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, on chip
Secondary Cache: 2MB(I+D) per core, on chip
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>

shlw32m-80.lib is the V8.0 SmartHeap library renamed to co-exist with older versions

The system bus runs at 1066 MHz