



CFP2000 Result

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Intel(R) Corporation

Intel(R) D975XB2 motherboard(2.93 GHz, Intel(R) Core(TM) 2 Extreme processor X6800)

SPECfp_rate2000 = 49.8

SPECfp_rate_base2000 = 49.7

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
168.wupwise	2	47.9	77.5	2	47.9	77.6
171.swim	2	203	35.5	2	203	35.5
172.mgrid	2	128	32.6	2	127	32.8
173.applu	2	150	32.4	2	150	32.4
177.mesa	2	51.8	62.7	2	51.8	62.7
178.galgel	2	53.9	125	2	53.9	125
179.art	2	45.0	134	2	45.0	134
183.quake	2	59.9	50.3	2	60.1	50.2
187.facerec	2	75.5	58.4	2	75.1	58.7
188.amp	2	127	40.3	2	126	40.4
189.lucas	2	127	36.7	2	125	37.0
191.fma3d	2	127	38.4	2	127	38.4
200.sixtrack	2	96.9	26.3	2	98.1	26.0
301.apsi	2	142	42.4	2	141	42.6

Hardware

CPU: Intel(R) Core(TM) 2 Extreme processor X6800(2.93 GHz, 1066 MHz bus)
CPU MHz: 2933
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32KBI + 32KBD per core, on chip
Secondary Cache: 4 MB(I+D) per chip, on chip (shared)
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