



CFP2000 Result

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Intel(R) Corporation

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

SPECfp_rate2000 = 40.9

SPECfp_rate_base2000 = 40.8

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	4	90.7	81.9	4	90.4	82.2
171.swim	4	399	36.1	4	399	36.1
172.mgrid	4	256	32.6	4	255	32.8
173.applu	4	287	34.0	4	287	34.0
177.mesa	4	175	37.1	4	175	37.1
178.galgel	4	200	67.4	4	199	67.6
179.art	4	217	55.7	4	217	55.7
183.quake	4	124	48.8	4	124	48.8
187.facerec	4	174	50.7	4	174	50.7
188.amp	4	338	30.2	4	338	30.2
189.lucas	4	264	35.2	4	263	35.2
191.fma3d	4	264	37.0	4	264	37.0
200.sixtrack	4	248	20.6	4	244	20.9
301.apsi	4	311	38.8	4	309	39.0

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>

The system bus runs at 1066 MHz