



CFP2000 Result

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Intel(R) Corporation

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

SPECfp_rate2000 = 37.7

SPECfp_rate_base2000 = 37.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	116	64.0	4	120	61.8
171.swim	4	442	32.5	4	442	32.5
172.mgrid	4	276	30.2	4	276	30.2
173.applu	4	320	30.4	4	310	31.5
177.mesa	4	167	38.8	4	167	38.8
178.galgel	4	217	62.0	4	218	61.9
179.art	4	237	50.9	4	237	50.9
183.quake	4	144	42.0	4	144	41.9
187.facerec	4	180	49.1	4	179	49.3
188.amp	4	361	28.3	4	354	28.8
189.lucas	4	292	31.8	4	291	31.8
191.fma3d	4	293	33.3	4	293	33.3
200.sixtrack	4	236	21.7	4	243	21.0
301.apsi	4	324	37.3	4	323	37.4

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

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+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