



CFP2000 Result

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Intel Corporation

Intel D975XBX motherboard(3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECfp_rate2000 = 26.6

SPECfp_rate_base2000 = 26.5

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jul-2006 | Hardware Avail: Mar-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	67.5	55.0	2	67.5	55.0
171.swim	2	215	33.5	2	215	33.5
172.mgrid	2	197	21.2	2	197	21.2
173.applu	2	212	22.9	2	212	22.9
177.mesa	2	174	18.7	2	174	18.7
178.galgel	2	160	42.0	2	160	42.1
179.art	2	129	46.7	2	129	46.7
183.quake	2	74.5	40.5	2	73.4	41.1
187.facerec	2	151	29.1	2	151	29.2
188.amp	2	313	16.3	2	311	16.4
189.lucas	2	160	29.0	2	160	29.0
191.fma3d	2	221	22.0	2	221	22.0
200.sixtrack	2	247	10.3	2	242	10.5
301.apsi	2	293	20.6	2	293	20.6

Hardware

CPU: Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology (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 on chip per core
Secondary Cache: 2MB(I+D) on chip per core
L3 Cache: N/A
Other Cache: N/A
Memory: 2 GB (2 1GB Micron DDR2 667 CL5-5-5 DIMMs)
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware: ATI Radeon X850 XT PCI express graphics card

Software

Operating System: Windows XP Professional SP2
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications
Build 20060323Z Package ID: W_FC_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, Delta Inc. power supply PS-300GB-1 B

Product description located as of 07/2006

<http://www.intel.com/products/motherboard/d975xbx/index.htm>

The system bus runs at 1066 MHz