CFP2000 Result

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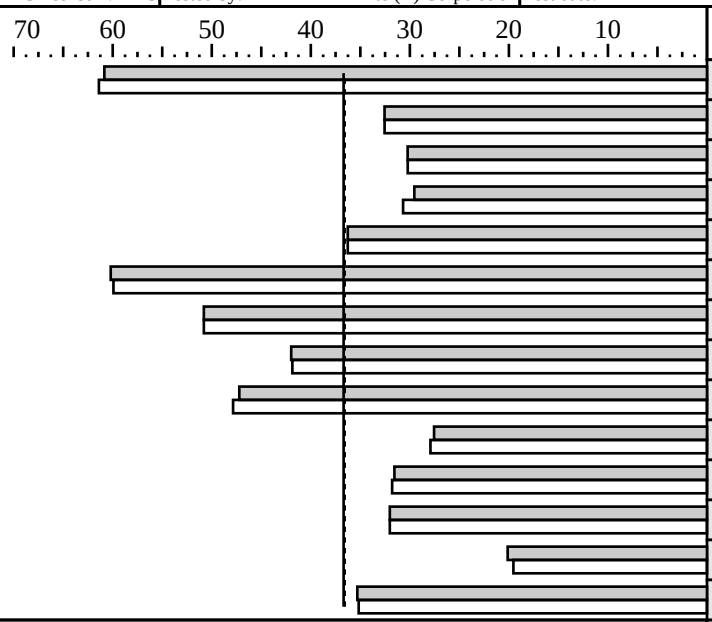
Intel(R) Corporation

Intel(R) D975XBX motherboard(3.46 GHz, Intel(R) Pentium(R) processor Extreme Edition 955)

SPECfp_rate2000 = 36.7

SPECfp_rate_base2000 = 36.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	122	60.8	4	121	61.4
171.swim	4	442	32.6	4	442	32.6
172.mgrid	4	276	30.2	4	276	30.2
173.applu	4	330	29.5	4	318	30.7
177.mesa	4	179	36.3	4	179	36.3
178.galgel	4	224	60.2	4	225	59.9
179.art	4	237	50.8	4	237	50.8
183.equake	4	144	42.0	4	144	41.9
187.facerec	4	187	47.2	4	184	47.8
188.ammp	4	370	27.6	4	366	27.9
189.lucas	4	294	31.6	4	292	31.8
191.fma3d	4	304	32.0	4	304	32.0
200.sixtrack	4	254	20.1	4	261	19.5
301.apsi	4	342	35.3	4	343	35.2

Hardware

CPU:	Intel(R) Pentium(R) processor Extreme Edition 955(3.46 GHz, 1066 MHz bus)
CPU MHz:	3466
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 NCQ 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

```
+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.equake:   -QxP -Oa -Qrcd -Qipo shlW32M.lib +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -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
```