CFP2000 Result

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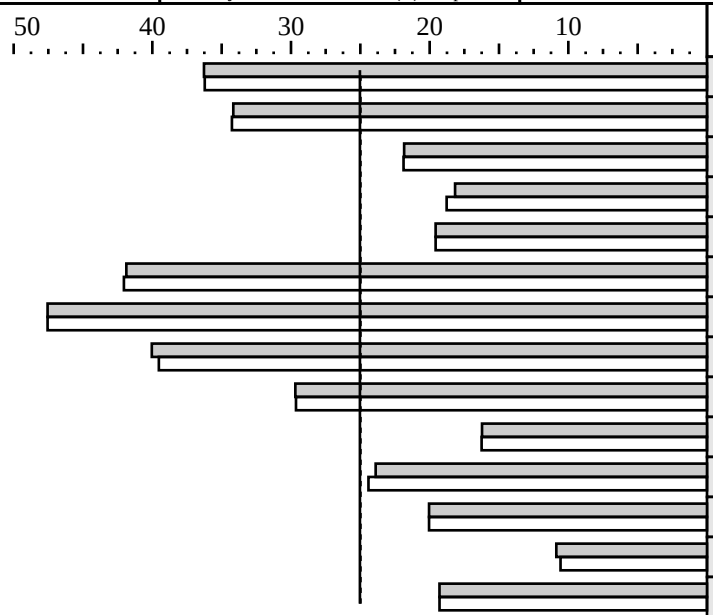
Intel(R) Corporation

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

SPECfp_rate2000 = 25.0

SPECfp_rate_base2000 = 25.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	102	36.3	2	102	36.2
171.swim	2	211	34.2	2	210	34.3
172.mgrid	2	191	21.8	2	191	21.9
173.applu	2	268	18.2	2	259	18.8
177.mesa	2	166	19.6	2	166	19.6
178.galgel	2	161	41.9	2	160	42.0
179.art	2	127	47.6	2	127	47.6
183.equake	2	75.3	40.0	2	76.3	39.5
187.facerec	2	148	29.7	2	149	29.6
188.ammp	2	315	16.2	2	314	16.3
189.lucas	2	194	23.9	2	190	24.4
191.fma3d	2	243	20.0	2	243	20.0
200.sixtrack	2	235	10.9	2	242	10.6
301.apsi	2	313	19.3	2	313	19.3

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:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1 GB (2 512MB Micron MT16HTF6464AY-667B3, DDR2-667, CL5-5-5)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	ATI Radeon X1900 XTX

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
```