CFP2000 Result

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Intel(R) Corporation

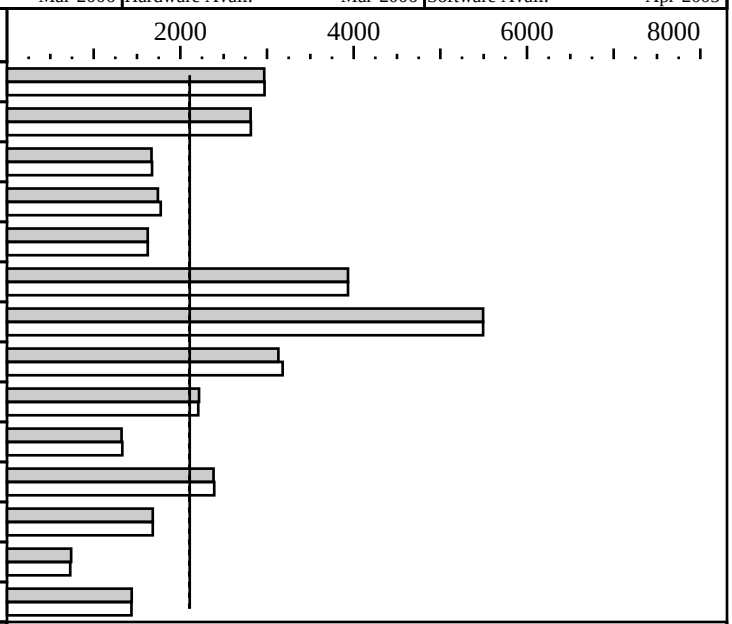
Intel(R) D975XBX motherboard(3.73 GHz, Intel(R) Pentium(R) processor Extreme Edition 965)

SPECfp2000 = 2108

SPECfp_base2000 = 2104

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	53.9	2968	53.8	2972
171.swim	3100	110	2811	110	2814
172.mgrid	1800	108	1667	108	1673
173.applu	2100	121	1741	118	1774
177.mesa	1400	86.2	1624	86.2	1624
178.galgel	2900	73.7	3935	73.7	3935
179.art	2600	47.3	5494	47.3	5494
183.equake	1300	41.5	3131	40.9	3180
187.facerec	1900	85.8	2216	86.1	2207
188.ammp	2200	166	1322	165	1331
189.lucas	2000	83.9	2383	83.6	2391
191.fma3d	2100	125	1682	125	1682
200.sixtrack	1100	149	740	151	730
301.apsi	2600	181	1439	181	1436



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 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
```