CFP2000 Result

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Intel(R) Corporation

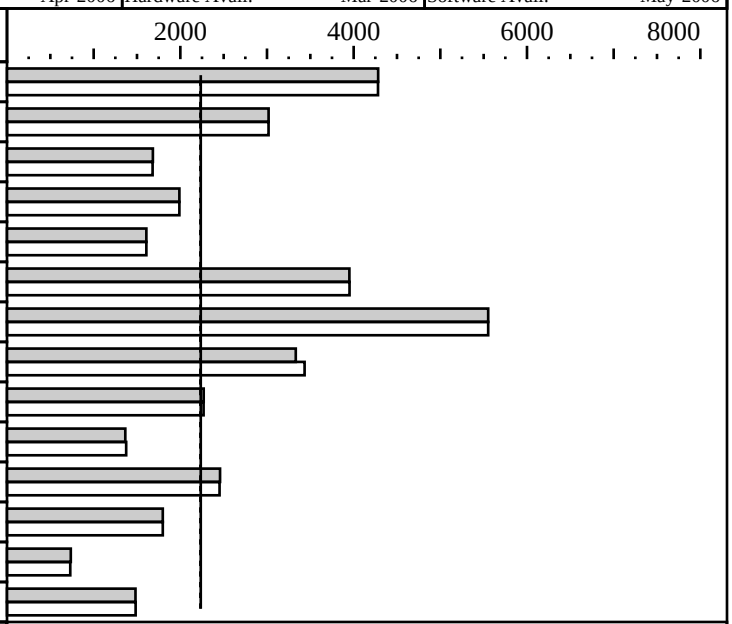
Intel(R) D975XBX motherboard (3.73 GHz, Intel Pentium(R) processor Extreme Edition 965)

SPECfp2000 = 2236

SPECfp_base2000 = 2232

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	37.4	4283	37.4	4281
171.swim	3100	103	3018	103	3018
172.mgrid	1800	107	1683	107	1680
173.applu	2100	106	1989	106	1989
177.mesa	1400	87.1	1608	87.1	1608
178.galgel	2900	73.4	3951	73.4	3952
179.art	2600	46.8	5552	46.8	5552
183.equake	1300	39.0	3332	37.9	3434
187.facerec	1900	83.7	2269	83.8	2268
188.ammp	2200	161	1365	160	1375
189.lucas	2000	81.4	2458	81.5	2453
191.fma3d	2100	117	1798	117	1798
200.sixtrack	1100	149	736	151	730
301.apsi	2600	175	1483	175	1484



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 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.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.equake:   -QxP -Oa -Qrcd -Qipo  +FDO  shlW32M.lib
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
```