CFP2000 Result

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Intel(R) Corporation

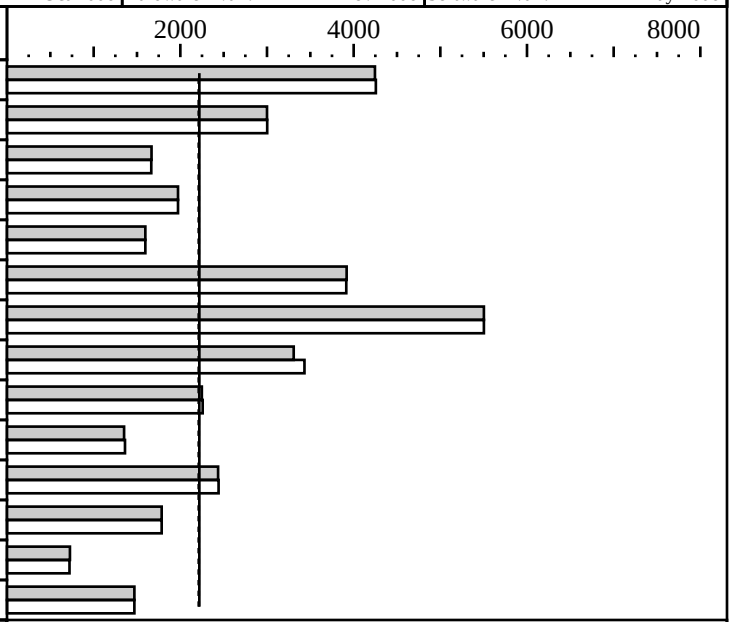
Intel(R) D975XBX2 motherboard (3.73 GHz, Intel(R) Pentium(TM) processor Extreme Edition 965)

SPECfp2000 = 2219

SPECfp_base2000 = 2212

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	37.7	4245	37.6	4256
171.swim	3100	103	3000	103	3002
172.mgrid	1800	108	1668	108	1665
173.applu	2100	106	1973	106	1973
177.mesa	1400	87.7	1596	87.7	1596
178.galgel	2900	74.0	3919	74.1	3915
179.art	2600	47.3	5503	47.3	5503
183.equake	1300	39.3	3308	37.9	3432
187.facerec	1900	84.5	2248	84.2	2258
188.ammp	2200	163	1351	162	1361
189.lucas	2000	82.1	2436	81.9	2441
191.fma3d	2100	118	1785	118	1785
200.sixtrack	1100	151	726	153	721
301.apsi	2600	177	1470	177	1470



Hardware

CPU:	Intel(R) Pentium(TM) 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, on chip
Secondary Cache:	2MB(I+D) per core, on chip
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB Micron MT16HTF12864AY-80ED4 DDR2 800, CL5)
Disk Subsystem:	Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
Other Hardware:	nVidia Quad SLI GeForce 7950 GX2 PCI Express graphics card

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ Compiler 9.1 for 32-bit applications Build 20060323Z Package ID: W_CC_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.equake:   -QxP -Oa -Qrcd -Qipo  +FDO  shlW32M-80.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -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, Antec NeoPower 480W power supply
Product description located as of 11/2006
http://www.intel.com/products/motherboard/D975XBX2/index.htm
shlw32m-80.lib is the V8.0 SmartHeap library renamed to co-exist with older versions
The system bus runs at 1066 MHz
```