CFP2000 Result

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Intel(R) Corporation

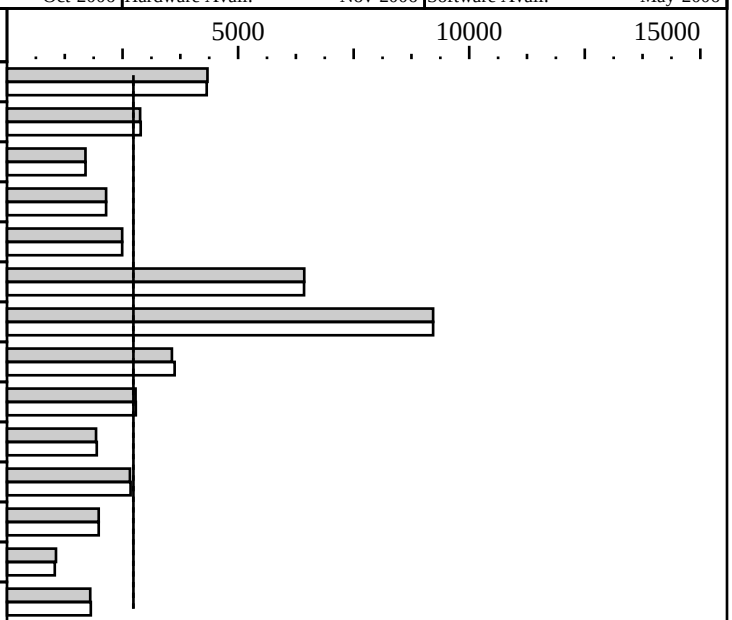
Intel(R) D975XBX2 motherboard(2.67 GHz, Intel(R) Core(TM) 2 Extreme processor QX6700)

SPECfp2000 = 2735

SPECfp_base2000 = 2732

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	36.9	4337	37.0	4321
171.swim	3100	108	2880	107	2893
172.mgrid	1800	106	1698	106	1699
173.applu	2100	97.9	2144	97.9	2144
177.mesa	1400	56.2	2492	56.2	2492
178.galgel	2900	45.1	6431	45.1	6427
179.art	2600	28.2	9219	28.2	9219
183.equake	1300	36.4	3568	35.8	3627
187.facerec	1900	68.3	2781	68.2	2786
188.ammp	2200	114	1926	113	1942
189.lucas	2000	75.2	2659	74.8	2674
191.fma3d	2100	106	1984	106	1984
200.sixtrack	1100	104	1060	106	1034
301.apsi	2600	144	1801	143	1813



Hardware

CPU:	Intel(R) Core(TM) 2 Extreme processor QX6700(2.67 GHz, 1066 MHz bus)
CPU MHz:	2667
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD per core, on chip
Secondary Cache:	8 MB(I+D) per chip, on chip (4MB shared per 2 cores)
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
```