CFP2000 Result

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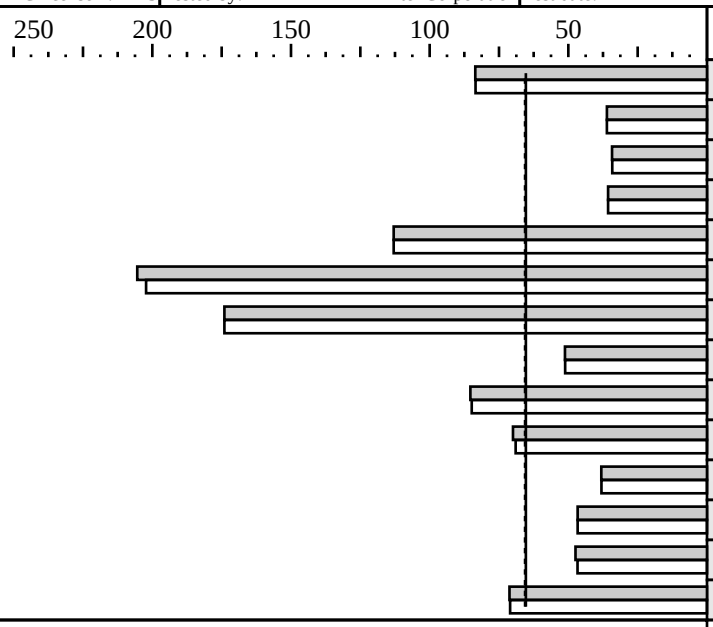
Intel(R) Corporation

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

SPECfp_rate2000 = 65.3

SPECfp_rate_base2000 = 65.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	88.9	83.5	4	89.0	83.5
171.swim	4	399	36.1	4	398	36.1
172.mgrid	4	244	34.2	4	245	34.2
173.applu	4	273	35.7	4	273	35.7
177.mesa	4	57.5	113	4	57.5	113
178.galgel	4	65.5	205	4	66.5	202
179.art	4	69.3	174	4	69.3	174
183.equake	4	118	51.2	4	118	51.1
187.facerec	4	103	85.3	4	104	84.8
188.ammp	4	146	70.0	4	148	69.0
189.lucas	4	244	38.1	4	244	38.1
191.fma3d	4	209	46.6	4	209	46.6
200.sixtrack	4	108	47.4	4	109	46.7
301.apsi	4	169	71.2	4	170	71.0

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
The system bus runs at 1066 MHz
```