CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

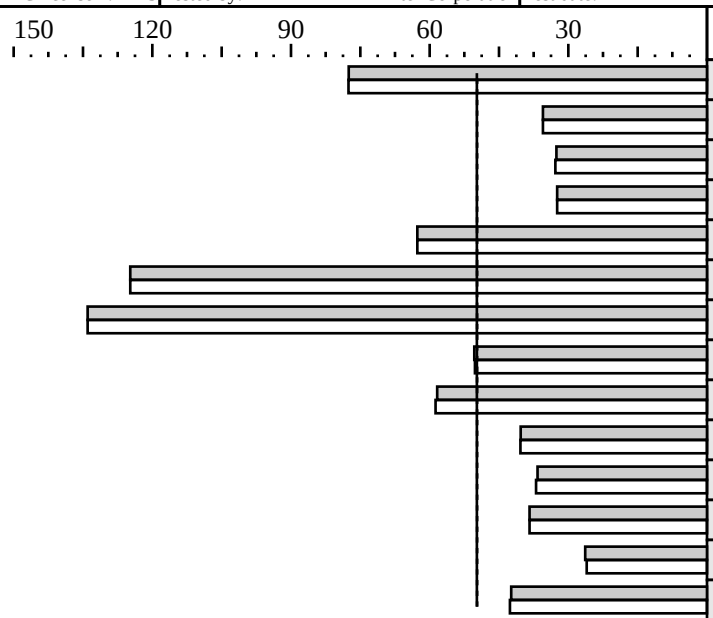
Intel(R) Corporation

Intel(R) D975XBX2 motherboard(2.93 GHz, Intel(R) Core(TM) 2 Extreme processor X6800)

SPECfp_rate2000 = 49.8

SPECfp_rate_base2000 = 49.7

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	2	47.9	77.5	2	47.9	77.6
171.swim	2	203	35.5	2	203	35.5
172.mgrid	2	128	32.6	2	127	32.8
173.applu	2	150	32.4	2	150	32.4
177.mesa	2	51.8	62.7	2	51.8	62.7
178.galgel	2	53.9	125	2	53.9	125
179.art	2	45.0	134	2	45.0	134
183.equake	2	59.9	50.3	2	60.1	50.2
187.facerec	2	75.5	58.4	2	75.1	58.7
188.ammp	2	127	40.3	2	126	40.4
189.lucas	2	127	36.7	2	125	37.0
191.fma3d	2	127	38.4	2	127	38.4
200.sixtrack	2	96.9	26.3	2	98.1	26.0
301.apsi	2	142	42.4	2	141	42.6

Hardware

CPU:	Intel(R) Core(TM) 2 Extreme processor X6800(2.93 GHz, 1066 MHz bus)
CPU MHz:	2933
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD per core, on chip
Secondary Cache:	4 MB(I+D) per chip, on chip (shared)
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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
```