CFP2000 Result

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Intel(R) Corporation

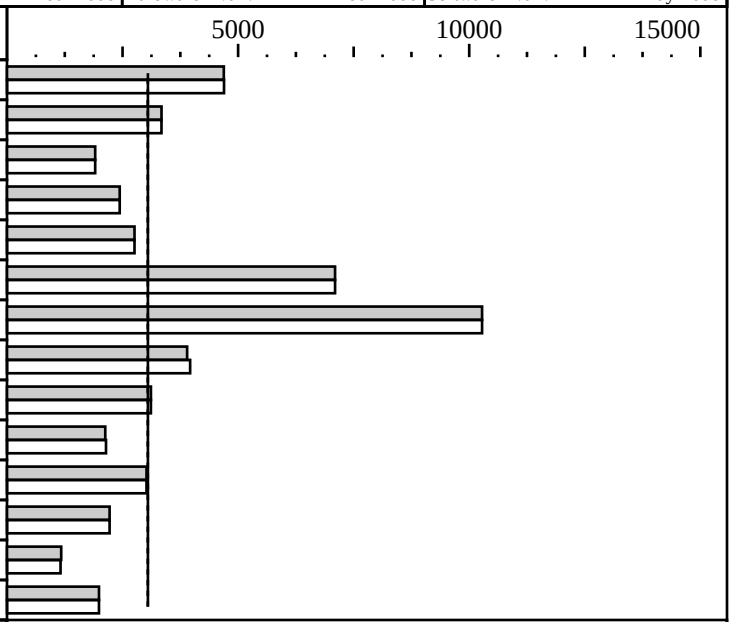
Intel(R) DG965WH motherboard(2.93 GHz, Intel(R) Core(TM) 2 Extreme processor X6800)

SPECfp2000 = 3049

SPECfp_base2000 = 3046

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	34.1	4691	34.1	4695
171.swim	3100	92.7	3343	92.8	3342
172.mgrid	1800	94.3	1908	94.3	1908
173.applu	2100	86.1	2438	86.1	2438
177.mesa	1400	50.8	2759	50.8	2759
178.galgel	2900	40.9	7097	40.9	7098
179.art	2600	25.3	10278	25.3	10278
183.equake	1300	33.4	3897	32.8	3962
187.facerec	1900	61.0	3114	61.0	3113
188.ammp	2200	103	2126	103	2142
189.lucas	2000	66.3	3018	66.3	3018
191.fma3d	2100	94.6	2220	94.6	2220
200.sixtrack	1100	93.8	1173	95.0	1158
301.apsi	2600	131	1990	131	1990



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
Secondary Cache:	4MB(I+D) shared, per chip
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 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 graphics card

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 07/2006
http://www.intel.com/products/motherboard/dg965wh/index.htm
The system bus runs at 1066 MHz
Bios memory timings set to DDR2-800 5-5-5-15 manually
```