CFP2000 Result

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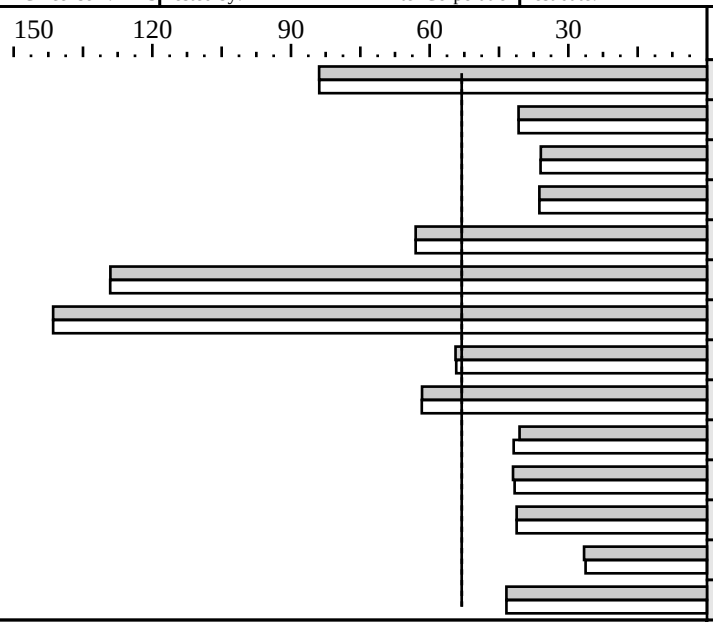
Intel(R) Corporation

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

SPECfp_rate2000 = 53.1

SPECfp_rate_base2000 = 53.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	44.2	83.9	2	44.3	83.9
171.swim	2	176	40.8	2	176	40.8
172.mgrid	2	116	36.0	2	116	36.0
173.applu	2	134	36.3	2	134	36.3
177.mesa	2	51.5	63.0	2	51.5	63.0
178.galgel	2	52.1	129	2	52.1	129
179.art	2	42.6	141	2	42.6	141
183.equake	2	55.4	54.4	2	55.6	54.3
187.facerec	2	71.5	61.7	2	71.4	61.7
188.ammp	2	126	40.6	2	122	41.8
189.lucas	2	111	42.0	2	111	41.6
191.fma3d	2	118	41.2	2	118	41.2
200.sixtrack	2	96.0	26.6	2	97.2	26.3
301.apsi	2	139	43.4	2	139	43.4

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
```