CFP2000 Result

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Intel(R) Corporation

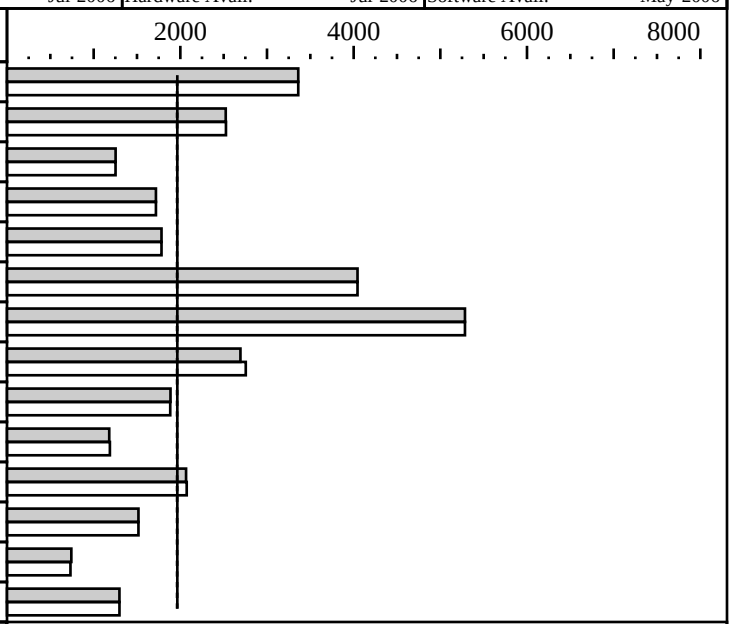
Intel(R) DG965WH motherboard(1.86 GHz, Intel(R) Core(TM) 2 processor E6300)

SPECfp2000 = 1965

SPECfp_base2000 = 1963

SPEC license #: 13 | Tested by: Intel(R) 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	47.6	3361	47.6	3361
171.swim	3100	123	2524	123	2526
172.mgrid	1800	144	1253	144	1252
173.applu	2100	122	1718	122	1718
177.mesa	1400	78.5	1783	78.5	1783
178.galgel	2900	71.7	4044	71.7	4044
179.art	2600	49.2	5284	49.2	5284
183.equake	1300	48.3	2693	47.2	2755
187.facerec	1900	101	1886	101	1884
188.ammp	2200	187	1180	185	1187
189.lucas	2000	96.8	2066	96.5	2074
191.fma3d	2100	138	1517	138	1517
200.sixtrack	1100	148	742	150	732
301.apsi	2600	200	1297	200	1298



Hardware

CPU:	Intel(R) Core(TM) 2 processor E6300(1.86 GHz, 1066 MHz bus)
CPU MHz:	1867
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:	2MB(I+D) shared, per chip, on 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 X850 XT 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-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 07/2006
http://www.intel.com/products/motherboard/dg965wh/index.htm
The system bus runs at 1066 MHz
```