CFP2000 Result

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Intel(R) Corporation

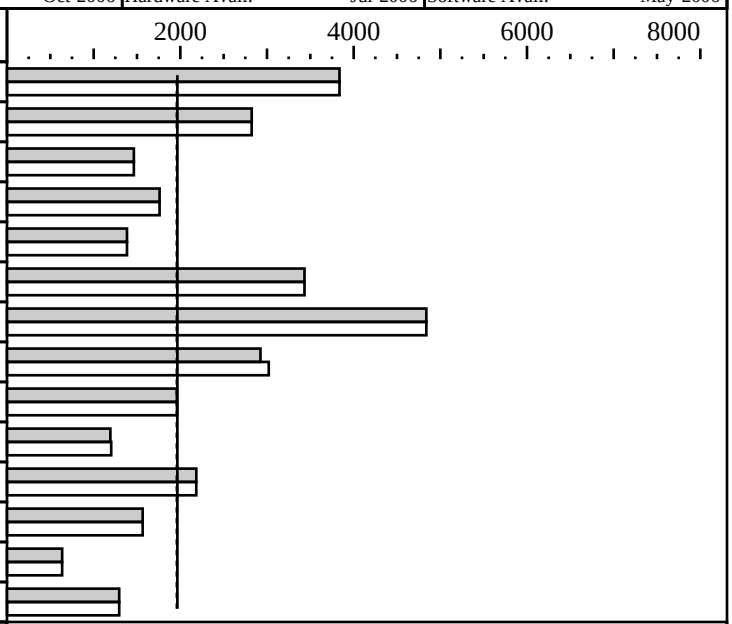
Intel(R) DG965WH motherboard(3.2 GHz, Intel(R) Pentium(TM) D processor 940)

SPECfp2000 = 1966

SPECfp_base2000 = 1960

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	41.7	3837	41.7	3837
171.swim	3100	110	2823	110	2823
172.mgrid	1800	123	1464	123	1464
173.applu	2100	119	1761	119	1761
177.mesa	1400	101	1384	101	1384
178.galgel	2900	84.5	3433	84.5	3433
179.art	2600	53.7	4839	53.7	4839
183.equake	1300	44.5	2924	43.0	3020
187.facerec	1900	96.9	1960	96.9	1961
188.ammp	2200	184	1193	183	1202
189.lucas	2000	91.6	2184	91.6	2184
191.fma3d	2100	134	1566	134	1566
200.sixtrack	1100	173	636	173	636
301.apsi	2600	201	1295	201	1295



Hardware

CPU:	Intel(R) Pentium(TM) D processor 940(3.2 GHz, 800 MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K micro-opsI + 16KBD per core, on chip
Secondary Cache:	2 MB(I+D) per core, on chip
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:	SoundBlaster Live! PCI card

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ and Fortran Compiler 9.1 for 32-bit applications Build 20060323Z Package IDs: W_CC_P_9.1.020 and 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 177.mesa:   -fast   +FDO shlW32M.lib
Base tuning for 179.art:    -fast   +FDO shlW32M.lib
Base tuning for 183.equake: -fast   +FDO shlW32M.lib
Base tuning for 188.ammp:   -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
```

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Notes/Tuning Information (Continued)

```
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO  shlW32M.lib
189.lucas:    -fast -Qprefetch- +FDO
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 1/2007:
http://www.intel.com/products/motherboard/DG965WH/index.htm
The system bus runs at 1066 MHz
```