



CFP2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(3.0 GHz, Intel(R) Pentium(TM) D processor 930)

SPECfp2000 = 1870

SPECfp_base2000 = 1866

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	43.4	3690	43.4	3689	
171.swim	3100	112	2768	112	2767	
172.mgrid	1800	130	1384	130	1384	
173.applu	2100	125	1680	125	1680	
177.mesa	1400	108	1299	108	1299	
178.galgel	2900	89.5	3241	89.5	3241	
179.art	2600	56.2	4627	56.2	4627	
183.earthquake	1300	46.5	2795	45.1	2885	
187.facerec	1900	102	1864	102	1865	
188.ammmp	2200	194	1133	193	1141	
189.lucas	2000	96.4	2075	96.4	2075	
191.fma3d	2100	141	1493	141	1493	
200.sixtrack	1100	184	597	185	596	
301.apsi	2600	212	1224	212	1224	

Hardware

CPU: Intel(R) Pentium(TM) D processor 930(3.0 GHz, 800 MHz bus)
 CPU MHz: 3000
 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.earthquake: -fast +FDO shlw32M.lib
Base tuning for 188.ammmp: -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.earthquake: -QxP -Oa -Qrcd -Qipo +FDO shlw32M.lib
```



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Notes/Tuning Information (Continued)

```
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.ammf: -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