



CFP2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(3.6 GHz, Intel(R) Pentium(TM) D processor 960)

SPECfp2000 = 2138

SPECfp_base2000 = 2133

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	39.2	4081	39.2	4081	
171.swim	3100	107	2900	107	2900	
172.mgrid	1800	112	1611	112	1612	
173.applu	2100	110	1906	110	1906	
177.mesa	1400	90.3	1551	90.3	1551	
178.galgel	2900	76.2	3805	76.3	3800	
179.art	2600	49.8	5221	49.8	5221	
183.earthquake	1300	41.3	3149	40.0	3251	
187.facerec	1900	88.8	2140	88.8	2141	
188.ammmp	2200	169	1299	168	1310	
189.lucas	2000	84.8	2359	84.8	2358	
191.fma3d	2100	124	1699	124	1699	
200.sixtrack	1100	154	715	154	714	
301.apsi	2600	182	1431	182	1430	

Hardware

CPU: Intel(R) Pentium(TM) D processor 960(3.6 GHz, 800 MHz bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops1 + 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.ammmp: -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 800 MHz