



# CFP2000 Result

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## Intel(R) Corporation

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

SPECfp\_rate2000 = 40.7

SPECfp\_rate\_base2000 = 40.7

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

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 2           | 50.5         | 73.5       | 2      | 50.5    | 73.4  |
| 171.swim     | 2           | 194          | 37.0       | 2      | 194     | 37.0  |
| 172.mgrid    | 2           | 131          | 31.9       | 2      | 131     | 31.8  |
| 173.applu    | 2           | 152          | 32.2       | 2      | 152     | 32.2  |
| 177.mesa     | 2           | 90.9         | 35.7       | 2      | 90.9    | 35.7  |
| 178.galgel   | 2           | 81.7         | 82.4       | 2      | 82.1    | 81.9  |
| 179.art      | 2           | 61.5         | 98.0       | 2      | 61.5    | 98.0  |
| 183.quake    | 2           | 58.8         | 51.3       | 2      | 58.5    | 51.6  |
| 187.facerec  | 2           | 98.9         | 44.6       | 2      | 98.7    | 44.7  |
| 188.amp      | 2           | 180          | 28.3       | 2      | 179     | 28.5  |
| 189.lucas    | 2           | 128          | 36.3       | 2      | 128     | 36.3  |
| 191.fma3d    | 2           | 143          | 34.0       | 2      | 143     | 34.0  |
| 200.sixtrack | 2           | 154          | 16.5       | 2      | 154     | 16.5  |
| 301.apsi     | 2           | 188          | 32.1       | 2      | 188     | 32.1  |

### 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.quake: -fast +FDO shlw32M.lib
Base tuning for 188.amp: -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.quake: -QxP -Oa -Qrcd -Qipo +FDO shlw32M.lib
```



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## Notes/Tuning Information (Continued)

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