



# CFP2000 Result

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## Intel(R) Corporation

Intel(R) DG965WH motherboard( 2.13 GHz, Intel(R) Core(TM) 2 Duo processor E6400)

SPECfp\_rate2000 = 39.7

SPECfp\_rate\_base2000 = 39.7

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	50.7	73.2	2	50.7	73.2
171.swim	2	193	37.3	2	193	37.3
172.mgrid	2	144	29.1	2	144	29.1
173.applu	2	153	31.8	2	153	31.8
177.mesa	2	70.1	46.3	2	70.1	46.3
178.galgel	2	98.5	68.3	2	98.6	68.2
179.art	2	86.2	70.0	2	86.2	70.0
183.quake	2	62.8	48.1	2	63.0	47.9
187.facerec	2	96.9	45.5	2	97.0	45.4
188.amp	2	204	25.0	2	203	25.1
189.lucas	2	124	37.4	2	124	37.5
191.fma3d	2	148	33.0	2	148	33.0
200.sixtrack	2	133	19.2	2	134	19.0
301.apsi	2	181	33.3	2	181	33.3

### Hardware

CPU: Intel(R) Core(TM) 2 Duo processor E6400( 2.13 GHz, 1066 MHz bus)  
CPU MHz: 2133  
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: 2 MB(I+D) per chip, on chip (shared)  
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