



# CFP2000 Result

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## Intel(R) Corporation

Intel(R) DG965WH motherboard( 1.86 GHz, Intel(R) Core(TM) 2 processor E6300)

SPECfp\_rate2000 = 37.4

SPECfp\_rate\_base2000 = 37.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	53.8	69.0	2	53.8	69.0
171.swim	2	188	38.2	2	188	38.2
172.mgrid	2	157	26.6	2	157	26.7
173.applu	2	152	32.1	2	152	32.1
177.mesa	2	80.1	40.6	2	80.1	40.6
178.galgel	2	104	64.7	2	104	64.6
179.art	2	89.3	67.5	2	89.3	67.5
183.quake	2	62.9	48.0	2	63.3	47.7
187.facerec	2	106	41.6	2	106	41.6
188.amp	2	220	23.2	2	221	23.1
189.lucas	2	127	36.6	2	127	36.6
191.fma3d	2	154	31.7	2	154	31.7
200.sixtrack	2	152	16.8	2	154	16.6
301.apsi	2	202	29.9	2	202	29.9

### Hardware

CPU: Intel(R) Core(TM) 2 processor E6300( 1.86 GHz, 1066 MHz bus)  
CPU MHz: 1867  
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: 2MB(I+D) shared, per chip, on chip  
L3 Cache: None  
Other Cache: None  
Memory: 2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5 DIMMs)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)  
Other Hardware: ATI Radeon X850 XT PCI express graphics card

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications  
Build 20060323Z Package ID: 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 C programs: -fast +FDO shlW32M-80.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-80.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -fast -Oa +FDO shlW32M-80.lib
189.lucas: -fast -Qprefetch- +FDO
```



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## Notes/Tuning Information (Continued)

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 07/2006

<http://www.intel.com/products/motherboard/dg965wh/index.htm>

The system bus runs at 1066 MHz