



# CFP2000 Result

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## Intel(R) Corporation

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

SPECfp2000 = 2052

SPECfp\_base2000 = 2049

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	44.8	3574	44.7	3577	
171.swim	3100	104	2987	104	2983	
172.mgrid	1800	141	1278	141	1279	
173.applu	2100	114	1848	114	1848	
177.mesa	1400	78.6	1781	78.6	1781	
178.galgel	2900	70.2	4131	70.3	4128	
179.art	2600	48.1	5406	48.1	5406	
183.earthquake	1300	46.0	2829	44.5	2918	
187.facerec	1900	96.3	1972	96.6	1966	
188.amp	2200	184	1195	183	1203	
189.lucas	2000	91.9	2175	91.9	2176	
191.fma3d	2100	133	1584	133	1584	
200.sixtrack	1100	149	740	151	730	
301.apsi	2600	193	1349	193	1349	

### 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.earthquake: -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