



CFP2000 Result

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Intel(R) Corporation

Intel(R) DG965WH motherboard(2.4 GHz, Intel(R) Core(TM) 2 Duo processor E6600)

SPECfp2000 = 2604

SPECfp_base2000 = 2601

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	38.1	4200	38.1	4198	
171.swim	3100	98.0	3164	98.0	3164	
172.mgrid	1800	113	1598	113	1599	
173.applu	2100	96.2	2182	96.2	2182	
177.mesa	1400	61.6	2272	61.6	2272	
178.galgel	2900	50.0	5796	50.0	5796	
179.art	2600	31.0	8378	31.0	8378	
183.earthquake	1300	38.0	3422	37.0	3509	
187.facerec	1900	72.9	2606	73.0	2602	
188.ammamp	2200	125	1761	124	1775	
189.lucas	2000	76.0	2630	76.0	2630	
191.fma3d	2100	109	1920	109	1920	
200.sixtrack	1100	115	956	117	944	
301.apsi	2600	156	1672	156	1671	

Hardware

CPU: Intel(R) Core(TM) 2 Duo processor E6600 (2.4 GHz, 1066 MHz bus)
CPU MHz: 2400
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: 4 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.earthquake: -fast +FDO shlw32M.lib
Base tuning for 188.ammamp: -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.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