



CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Intel(R) Corporation

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

SPECfp_rate2000 = 32.4

SPECfp_rate_base2000 = 32.3

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	64.2	57.9	2	62.6	59.3
171.swim	2	200	35.9	2	199	36.1
172.mgrid	2	193	21.7	2	187	22.4
173.applu	2	178	27.4	2	178	27.4
177.mesa	2	98.5	33.0	2	98.5	33.0
178.galgel	2	114	58.9	2	114	59.0
179.art	2	92.4	65.3	2	92.4	65.3
183.quake	2	72.7	41.5	2	71.7	42.1
187.facerec	2	126	34.9	2	128	34.5
188.amp	2	258	19.8	2	260	19.6
189.lucas	2	145	32.0	2	143	32.4
191.fma3d	2	183	26.7	2	183	26.7
200.sixtrack	2	182	14.0	2	184	13.8
301.apsi	2	243	24.8	2	247	24.4

Hardware

CPU: Intel(R) Core(TM) 2 Duo processor E6300(1.86 GHz, 1066 MHz bus)
 CPU MHz: 1866
 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
```



CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

Intel(R) Corporation

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

SPECfp_rate2000 = 32.4

SPECfp_rate_base2000 = 32.3

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

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