



# SPEC<sup>®</sup> CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

## Intel Corporation

Intel DG965WH motherboard  
(3.60 GHz, Intel Pentium D processor 960)

SPECfp<sup>®</sup>2006 = **Not Run**

SPECfp\_base2006 = **12.2**

CPU2006 license: 13

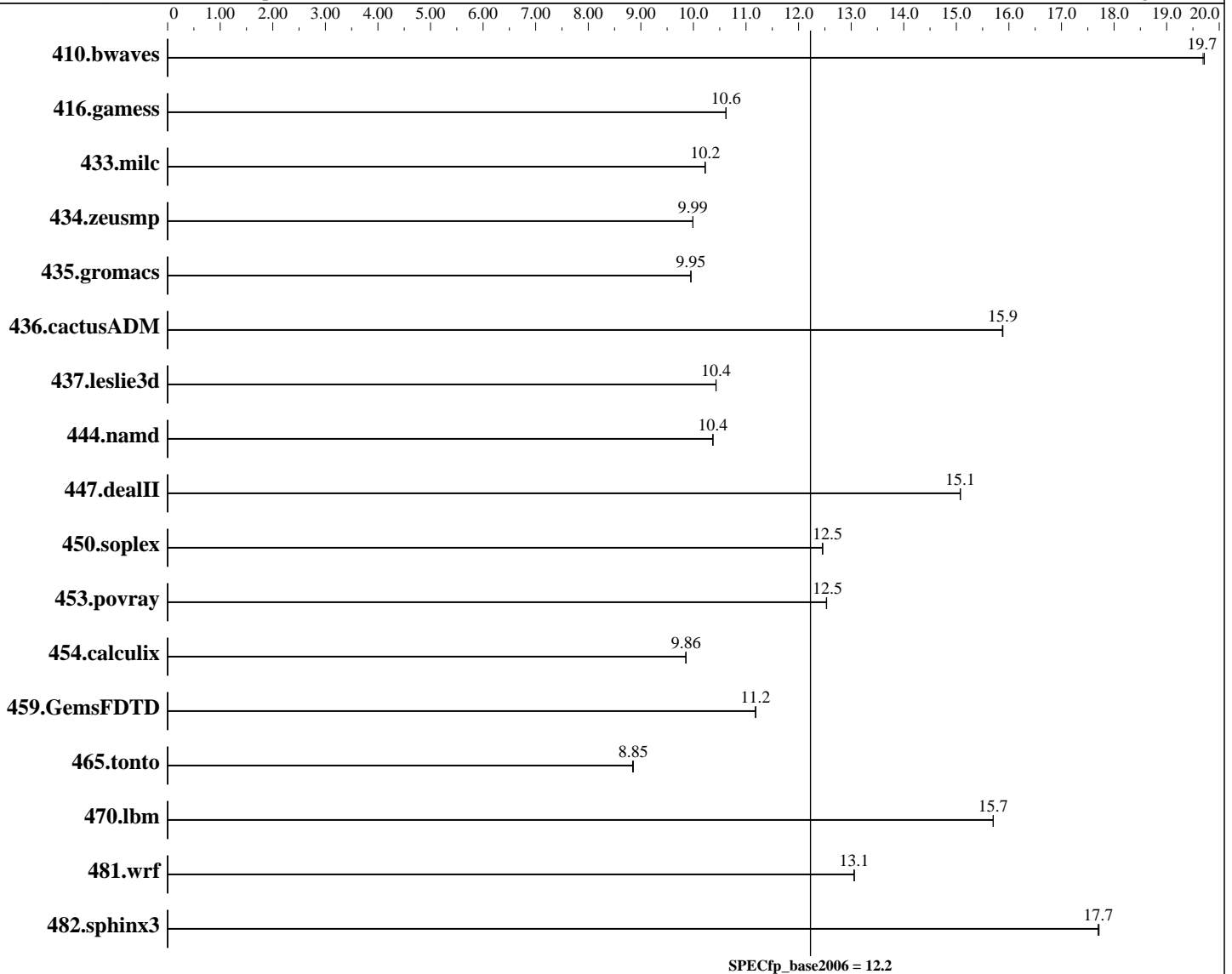
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



### Hardware

CPU Name: Intel Pentium D 960  
 CPU Characteristics: 3.60 GHz, 800 MHz bus  
 CPU MHz: 3600  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1 chip  
 Primary Cache: 12 K micro-ops I + 16 KB D on chip per core  
 Secondary Cache: 2 MB I+D on chip per core

Continued on next page

### Software

Operating System: Windows XP Professional w/ SP2  
 Compiler: Intel C++ and Fortran Compiler for IA32 version 9.1  
 Build no 20060816  
 Microsoft Visual Studio .Net 2003 (for libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit

Continued on next page



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

## Intel Corporation

Intel DG965WH motherboard  
(3.60 GHz, Intel Pentium D processor 960)

SPECfp2006 = **Not Run**

SPECfp\_base2006 = **12.2**

CPU2006 license: 13

Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006

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

Peak Pointers: Not Applicable  
Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>

## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	690	19.7	689	19.7	<b><u>689</u></b>	<b><u>19.7</u></b>						
416.gamess	1844	10.6	1844	10.6	<b><u>1844</u></b>	<b><u>10.6</u></b>						
433.milc	898	10.2	898	10.2	<b><u>898</u></b>	<b><u>10.2</u></b>						
434.zeusmp	<b><u>911</u></b>	<b><u>9.99</u></b>	911	9.99	911	9.99						
435.gromacs	<b><u>717</u></b>	<b><u>9.95</u></b>	717	9.95	717	9.95						
436.cactusADM	752	15.9	753	15.9	<b><u>752</u></b>	<b><u>15.9</u></b>						
437.leslie3d	901	10.4	<b><u>901</u></b>	<b><u>10.4</u></b>	901	10.4						
444.namd	773	10.4	773	10.4	<b><u>773</u></b>	<b><u>10.4</u></b>						
447.dealII	<b><u>759</u></b>	<b><u>15.1</u></b>	759	15.1	759	15.1						
450.soplex	669	12.5	670	12.5	<b><u>669</u></b>	<b><u>12.5</u></b>						
453.povray	<b><u>425</u></b>	<b><u>12.5</u></b>	424	12.5	425	12.5						
454.calculix	<b><u>837</u></b>	<b><u>9.86</u></b>	837	9.86	837	9.85						
459.GemsFDTD	949	11.2	<b><u>949</u></b>	<b><u>11.2</u></b>	949	11.2						
465.tonto	<b><u>1111</u></b>	<b><u>8.85</u></b>	1113	8.84	1111	8.86						
470.lbm	875	15.7	875	15.7	<b><u>875</u></b>	<b><u>15.7</u></b>						
481.wrf	<b><u>855</u></b>	<b><u>13.1</u></b>	855	13.1	855	13.1						
482.sphinx3	1100	17.7	<b><u>1101</u></b>	<b><u>17.7</u></b>	1101	17.7						

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

## General Notes

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 800 MHz

System was configured with Single nVidia Quad SLI Geforce 7950 GX2

## Base Compiler Invocation

C benchmarks:

icl -Qvc7.1 -Qc99

Continued on next page



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

**Intel Corporation**

Intel DG965WH motherboard  
(3.60 GHz, Intel Pentium D processor 960)

**SPECfp2006 = Not Run**

**SPECfp\_base2006 = 12.2**

**CPU2006 license:** 13

**Test sponsor:** Intel Corporation

**Tested by:** Intel Corporation

**Test date:** Jan-2007

**Hardware Availability:** Aug-2006

**Software Availability:** Aug-2006

## Base Compiler Invocation (Continued)

C++ benchmarks:

icl -Qvc7.1

Fortran benchmarks:

ifort

Benchmarks using both Fortran and C:

icl -Qvc7.1 -Qc99 ifort

## Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore  
444.namd: -TP  
447.dealII: -DDEAL\_II\_MEMBER\_VAR\_SPECIALIZATION\_BUG  
-DBOOST\_NO\_INTRINSIC\_WCHAR\_T  
453.povray: -DSPEC\_CPU\_WINDOWS\_ICL  
454.calculix: -DSPEC\_CPU\_NOZMODIFIER -Qlowercase  
481.wrf: -DSPEC\_CPU\_WINDOWS\_ICL

## Base Optimization Flags

C benchmarks:

-fast /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

C++ benchmarks:

-fast -Qcxx\_features /F950000000 shlw32m.lib  
-link /FORCE:MULTIPLE

Fortran benchmarks:

-fast /F950000000 -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:

-fast /F950000000 -link /FORCE:MULTIPLE

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.06.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.06.xml>



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

## Intel Corporation

Intel DG965WH motherboard  
(3.60 GHz, Intel Pentium D processor 960)

SPECfp2006 = **Not Run**

SPECfp\_base2006 = **12.2**

**CPU2006 license:** 13  
**Test sponsor:** Intel Corporation  
**Tested by:** Intel Corporation

**Test date:** Jan-2007  
**Hardware Availability:** Aug-2006  
**Software Availability:** Aug-2006

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

Tested with SPEC CPU2006 v1.0.  
Report generated on Tue Jul 22 10:21:55 2014 by SPEC CPU2006 PS/PDF formatter v6932.  
Originally published on 20 February 2007.