



SPEC® CFP2006 Result

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Intel Corporation

Intel DG965WH motherboard
(2.40 GHz, Intel Core 2 Duo processor E6600)

SPECfp®2006 = **Not Run**

SPECfp_base2006 = **14.5**

CPU2006 license: 13

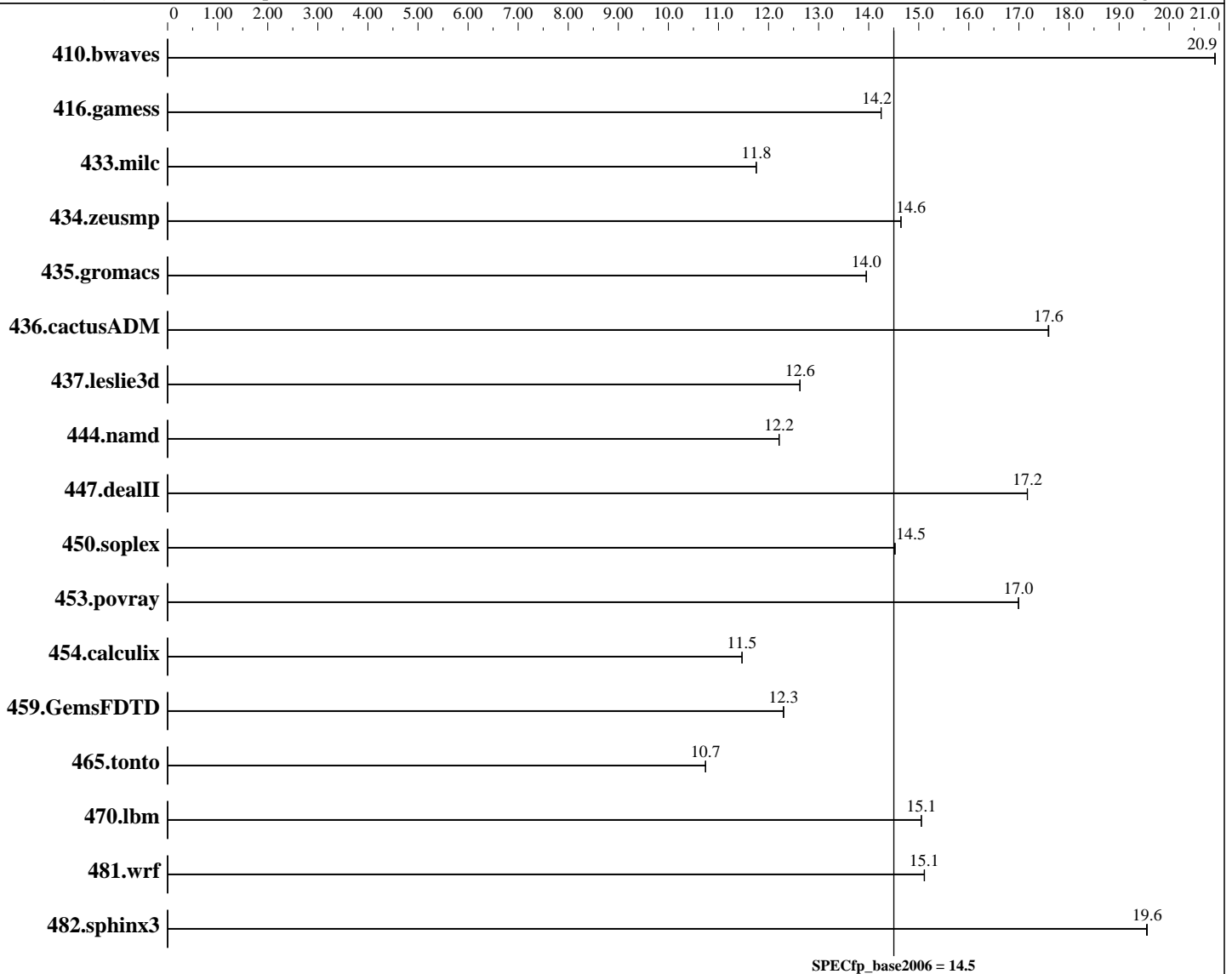
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



Hardware

CPU Name: Intel Core 2 Duo E6600
 CPU Characteristics: 2.40 GHz, 1066 MHz bus
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4 MB I+D on chip per chip

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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

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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	650	20.9	650	20.9	650	20.9						
416.gamess	1374	14.2	1374	14.2	1374	14.2						
433.milc	781	11.8	781	11.8	781	11.8						
434.zeusmp	621	14.6	621	14.6	621	14.6						
435.gromacs	512	14.0	512	14.0	512	14.0						
436.cactusADM	679	17.6	680	17.6	679	17.6						
437.leslie3d	744	12.6	744	12.6	745	12.6						
444.namd	657	12.2	657	12.2	657	12.2						
447.dealII	666	17.2	666	17.2	666	17.2						
450.soplex	574	14.5	574	14.5	575	14.5						
453.povray	313	17.0	313	17.0	313	17.0						
454.calculix	719	11.5	719	11.5	719	11.5						
459.GemsFDTD	862	12.3	863	12.3	863	12.3						
465.tonto	916	10.7	916	10.7	916	10.7						
470.lbm	913	15.1	913	15.1	913	15.0						
481.wrf	739	15.1	739	15.1	739	15.1						
482.sphinx3	997	19.5	996	19.6	996	19.6						

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 1066 MHz

System was configured with Single nVidia Quad SLI Geforce 7950 GX2

Base Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99

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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>



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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

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