



SPEC[®] CFP2006 Result

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Intel Corporation

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

SPECfp[®]_rate2006 = Not Run

SPECfp_rate_base2006 = 19.6

CPU2006 license: 13

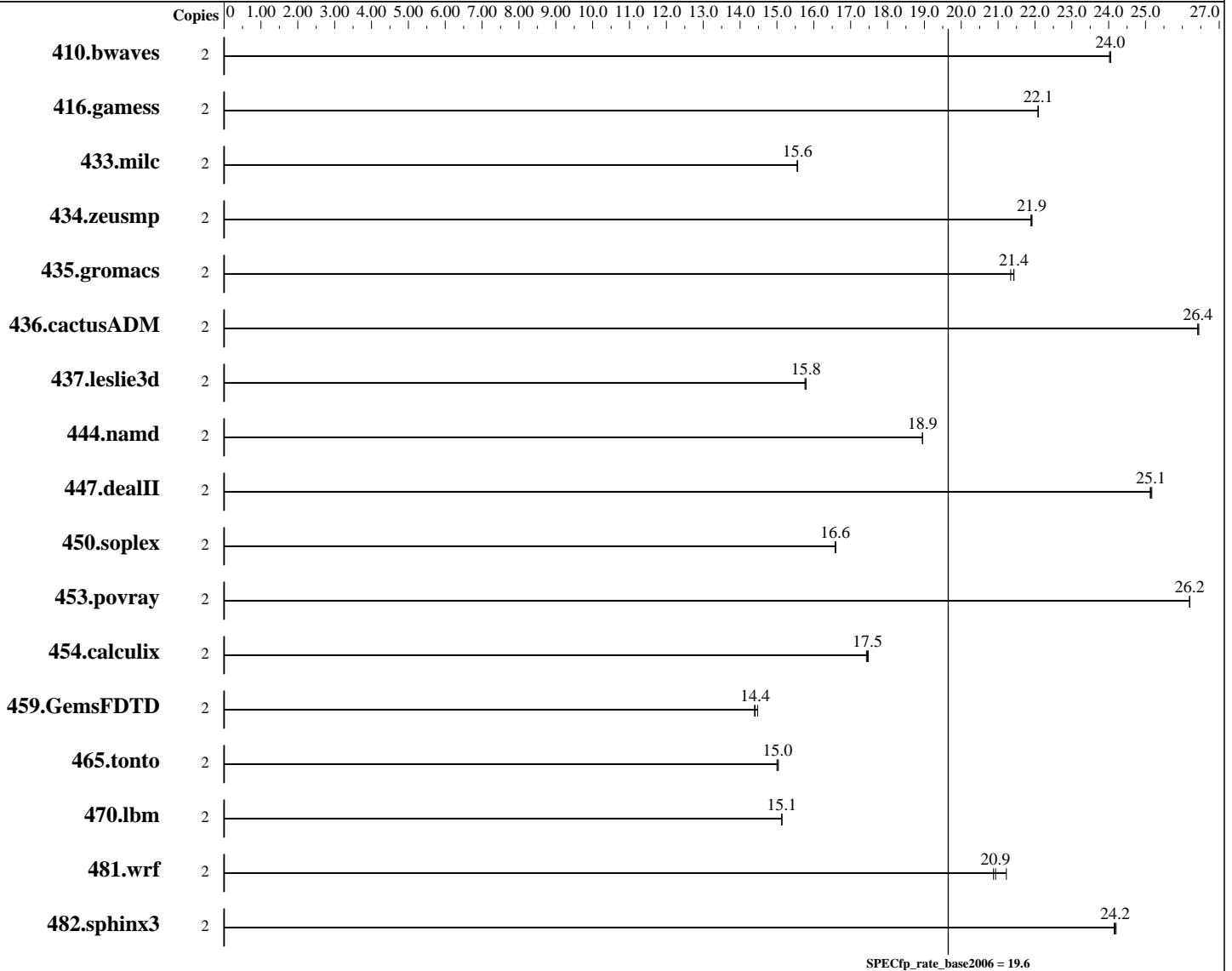
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



Hardware

CPU Name: Intel Core 2 Duo E6300
 CPU Characteristics: 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 chip
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 2 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							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio		
410.bwaves	2	1130	24.1	1131	24.0	1130	24.0									
416.gamess	2	1773	22.1	1773	22.1	1773	22.1									
433.milc	2	1180	15.6	1180	15.6	1181	15.5									
434.zeusmp	2	830	21.9	830	21.9	831	21.9									
435.gromacs	2	666	21.4	667	21.4	669	21.3									
436.cactusADM	2	905	26.4	904	26.4	905	26.4									
437.leslie3d	2	1191	15.8	1193	15.8	1191	15.8									
444.namd	2	846	18.9	846	19.0	846	18.9									
447.dealII	2	911	25.1	910	25.1	909	25.2									
450.soplex	2	1006	16.6	1005	16.6	1006	16.6									
453.povray	2	406	26.2	406	26.2	406	26.2									
454.calculix	2	947	17.4	945	17.5	944	17.5									
459.GemsFDTD	2	1466	14.5	1472	14.4	1475	14.4									
465.tonto	2	1311	15.0	1312	15.0	1309	15.0									
470.lbm	2	1816	15.1	1816	15.1	1816	15.1									
481.wrf	2	1053	21.2	1067	20.9	1070	20.9									
482.sphinx3	2	1614	24.1	1611	24.2	1612	24.2									

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 other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 10:23:09 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 20 February 2007.