



SPEC[®] CFP2006 Result

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Intel Corporation

Intel DG965WH motherboard
(2.67 GHz, Intel Core 2 Duo processor E6700)

SPECfp[®]2006 = **Not Run**

SPECfp_base2006 = **15.6**

CPU2006 license: 13

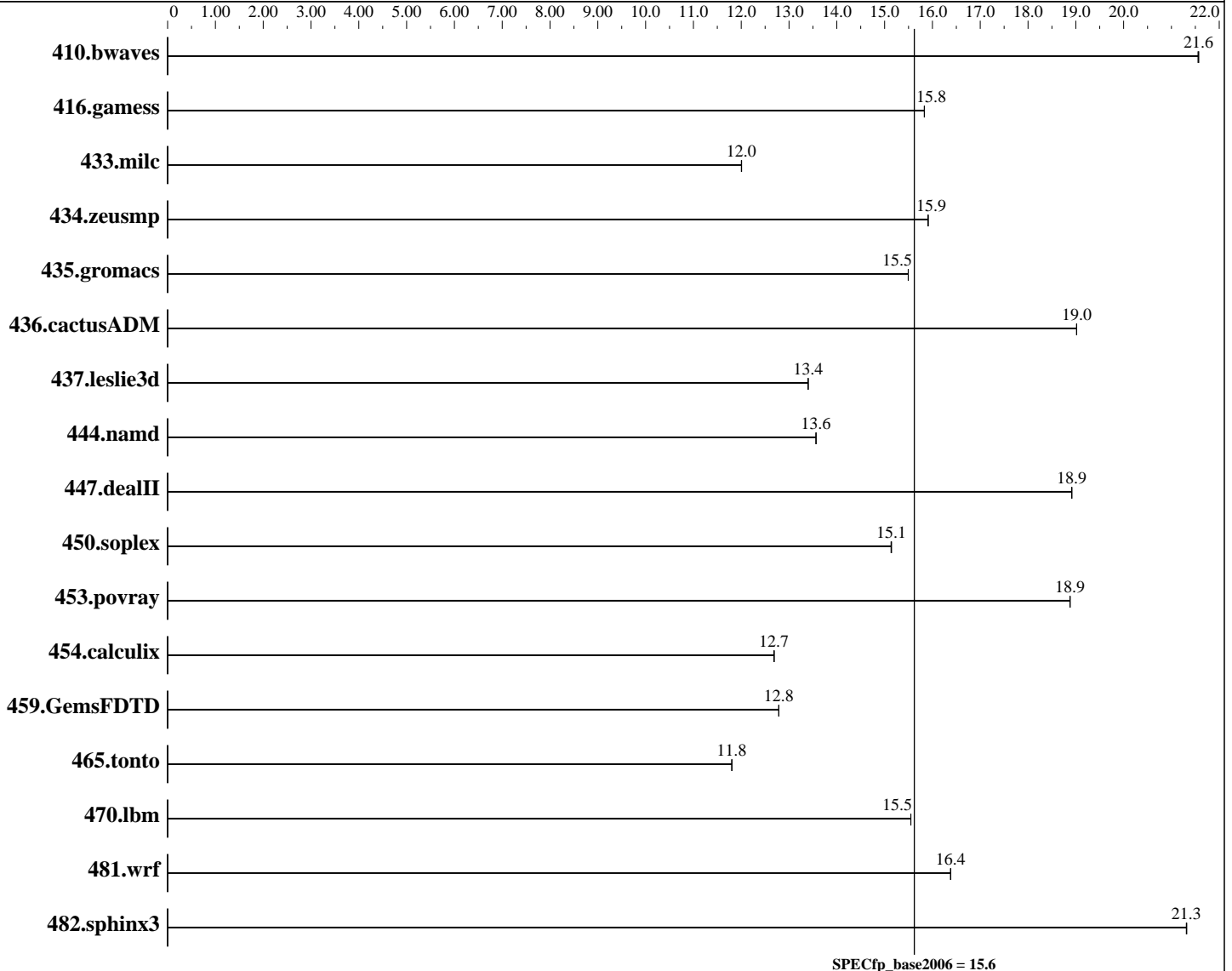
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jan-2007

Hardware Availability: Aug-2006

Software Availability: Aug-2006



SPECfp_base2006 = 15.6

Hardware

CPU Name: Intel Core 2 Duo E6700
 CPU Characteristics: 2.67 GHz, 1066 MHz bus
 CPU MHz: 2667
 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	630	21.6	630	21.6	630	21.6						
416.gamess	1237	15.8	1237	15.8	1237	15.8						
433.milc	765	12.0	764	12.0	765	12.0						
434.zeusmp	572	15.9	572	15.9	572	15.9						
435.gromacs	461	15.5	461	15.5	461	15.5						
436.cactusADM	628	19.0	629	19.0	628	19.0						
437.leslie3d	702	13.4	701	13.4	701	13.4						
444.namd	591	13.6	591	13.6	591	13.6						
447.dealII	605	18.9	605	18.9	605	18.9						
450.soplex	551	15.1	551	15.1	551	15.1						
453.povray	282	18.9	282	18.9	282	18.9						
454.calculix	650	12.7	650	12.7	650	12.7						
459.GemsFDTD	830	12.8	830	12.8	830	12.8						
465.tonto	834	11.8	833	11.8	834	11.8						
470.lbm	884	15.5	884	15.5	884	15.5						
481.wrf	682	16.4	682	16.4	682	16.4						
482.sphinx3	915	21.3	914	21.3	914	21.3						

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.

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