SPEC® CFP2006 Result

Intel Corporation

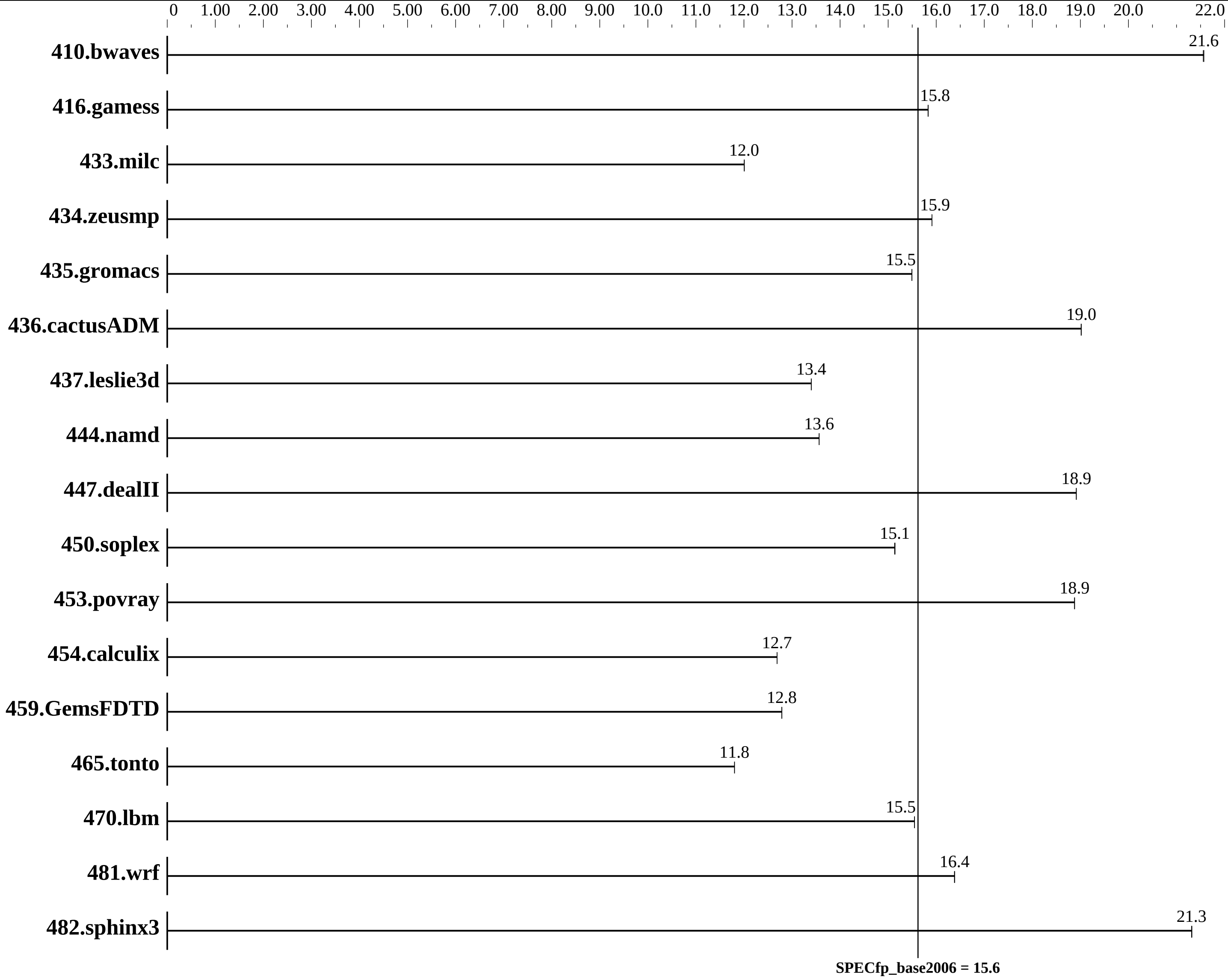
Intel DG965WH motherboard
(2.67 GHz, Intel Core 2 Duo processor E6700)

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



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

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