SPEC® CFP2006 Result

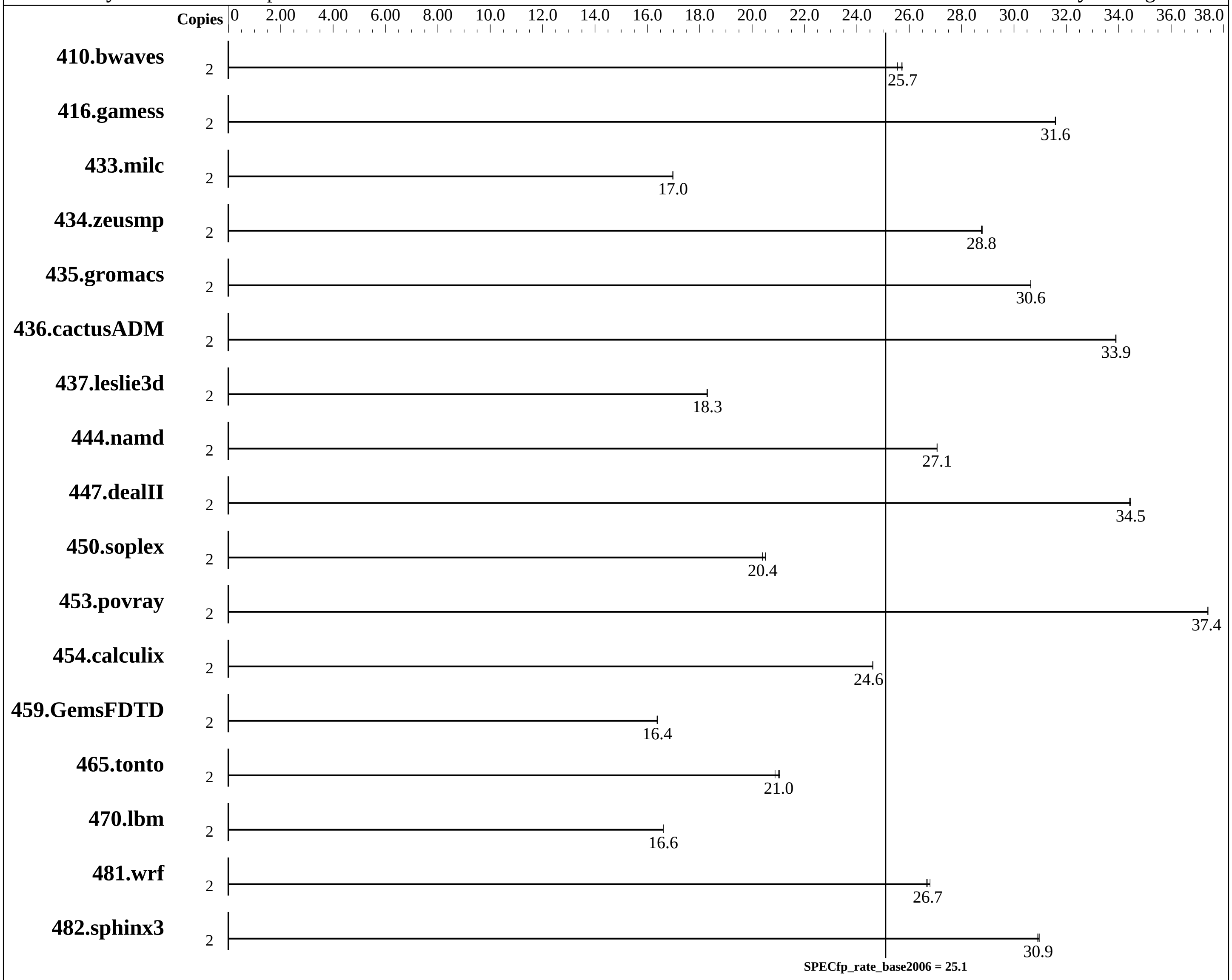
Intel Corporation

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

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 25.1

CPU2006 license:	13	**Test date:**	Jan-2007
Test sponsor:	Intel Corporation	**Hardware Availability:**	Aug-2006
Tested by:	Intel Corporation	**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						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2	1064	25.5	**1057**	**25.7**	1055	25.8							
416.gamess	2	1240	31.6	**1240**	**31.6**	1240	31.6							
433.milc	2	1082	17.0	**1081**	**17.0**	1081	17.0							
434.zeusmp	2	**633**	**28.8**	633	28.8	632	28.8							
435.gromacs	2	466	30.6	**466**	**30.6**	466	30.6							
436.cactusADM	2	706	33.9	705	33.9	**705**	**33.9**							
437.leslie3d	2	1028	18.3	**1028**	**18.3**	1029	18.3							
444.namd	2	593	27.1	**593**	**27.1**	593	27.1							
447.dealII	2	665	34.4	**664**	**34.5**	664	34.5							
450.soplex	2	818	20.4	**817**	**20.4**	813	20.5							
453.povray	2	285	37.4	284	37.4	**284**	**37.4**							
454.calculix	2	670	24.6	671	24.6	**670**	**24.6**							
459.GemsFDTD	2	1296	16.4	**1295**	**16.4**	1295	16.4							
465.tonto	2	935	21.1	**937**	**21.0**	943	20.9							
470.lbm	2	1654	16.6	1654	16.6	**1654**	**16.6**							
481.wrf	2	**836**	**26.7**	838	26.7	834	26.8							
482.sphinx3	2	1261	30.9	1259	31.0	**1261**	**30.9**							

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

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

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