SPEC® CFP2006 Result

Acer Incorporated

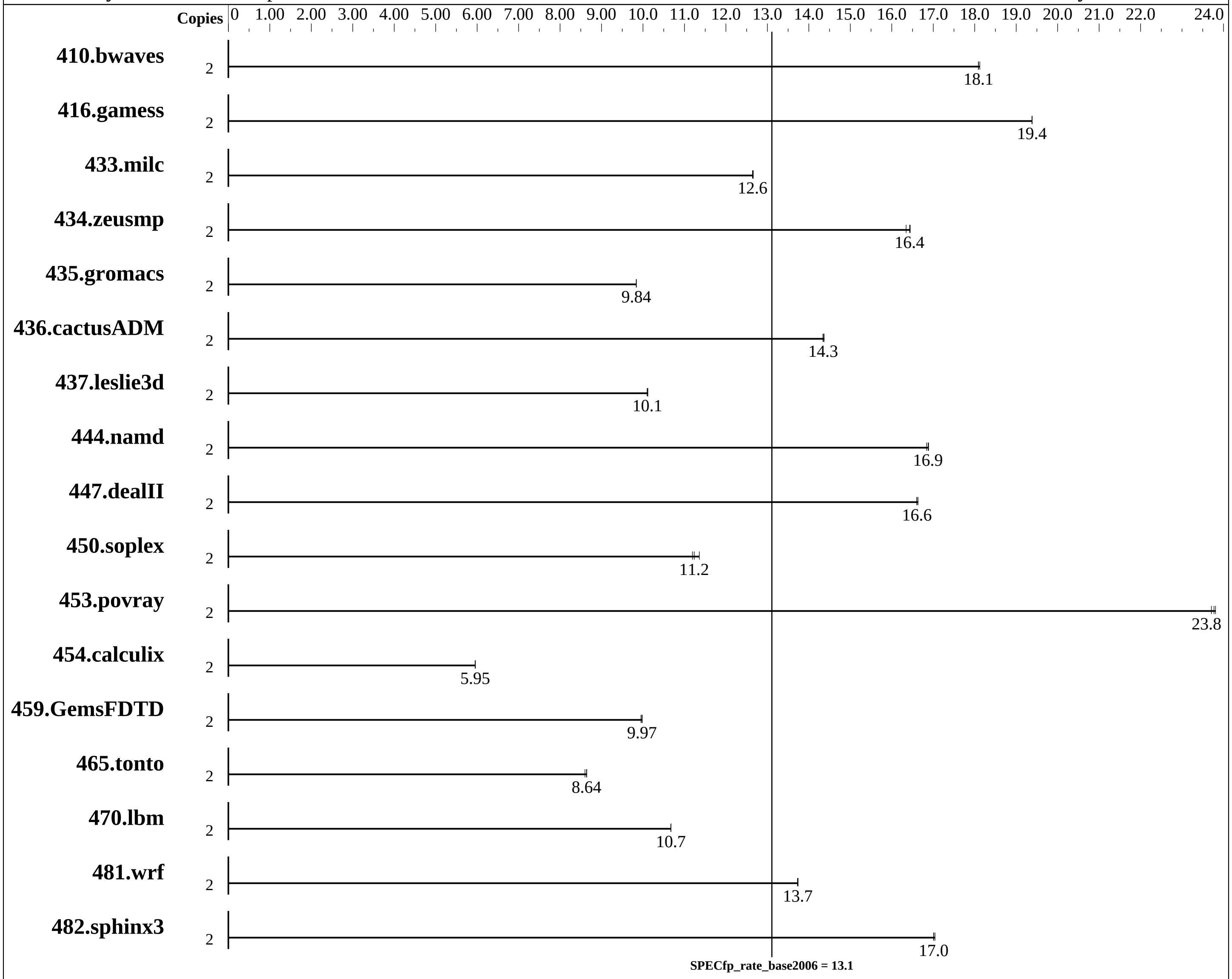
(Test Sponsor: Intel Corporation)

Acer Ferrari 5000 (AMD Turion 64 X2 TL-60)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 13.1

CPU2006 license:	13	**Test date:**	Jun-2007
Test sponsor:	Intel Corporation	**Hardware Availability:**	Jun-2007
Tested by:	Intel Corporation	**Software Availability:**	Feb-2007



Hardware

CPU Name:	AMD Turion 64 X2 TL-60
CPU Characteristics:	2.0 GHz 2x512KB L2
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Primary Cache:	64 KB I + 64 KB D on chip per core
Secondary Cache:	512 KB I+D on chip per core

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Software

Operating System:	Windows Vista32 Business
Compiler:	Intel C++ Compiler for IA32 version 9.1 Build no 20060816 Intel 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

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L3 Cache: None
Other Cache: None
Memory: 2 GB (2x1GB Samsung DDR2-667 CL5)
Disk Subsystem: Hitachi 160GB 5400rpm SATA HDD
Other Hardware: None

Base Pointers: 32-bit
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	1502	18.1	**1502**	**18.1**	1500	18.1							
416.gamess	2	**2020**	**19.4**	2020	19.4	2021	19.4							
433.milc	2	1450	12.7	1452	12.6	**1452**	**12.6**							
434.zeusmp	2	1107	16.4	1113	16.3	**1108**	**16.4**							
435.gromacs	2	1451	9.84	1452	9.84	**1452**	**9.84**							
436.cactusADM	2	1667	14.3	**1666**	**14.3**	1663	14.4							
437.leslie3d	2	**1860**	**10.1**	1862	10.1	1858	10.1							
444.namd	2	953	16.8	**950**	**16.9**	950	16.9							
447.dealII	2	1378	16.6	**1378**	**16.6**	1376	16.6							
450.soplex	2	1468	11.4	**1485**	**11.2**	1490	11.2							
453.povray	2	447	23.8	**448**	**23.8**	449	23.7							
454.calculix	2	**2771**	**5.95**	2771	5.95	2769	5.96							
459.GemsFDTD	2	**2127**	**9.97**	2126	9.98	2132	9.95							
465.tonto	2	2277	8.64	**2278**	**8.64**	2288	8.60							
470.lbm	2	**2574**	**10.7**	2575	10.7	2574	10.7							
481.wrf	2	1626	13.7	**1627**	**13.7**	1628	13.7							
482.sphinx3	2	2287	17.0	**2291**	**17.0**	2292	17.0							

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

```
Binaries built on Windows XP Professional w/ SP2
Vista Power Profile set to High Performance
```

Base Compiler Invocation

C benchmarks:
```
icl -Qvc7.1 -Qc99
```

C++ benchmarks:
```
icl -Qvc7.1
```

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Base Compiler Invocation (Continued)

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:
`-arch:SSE2 -Qprec-div- -O3 -Qipo /F950000000 shlw32m.lib -link /FORCE:MULTIPLE`

C++ benchmarks:
`-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- -Qcxx_features /F950000000 shlw32m.lib -link /FORCE:MULTIPLE`

Fortran benchmarks:
`-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /F950000000 -link /FORCE:MULTIPLE`

Benchmarks using both Fortran and C:
`-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /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-ia32-flags.20090714.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.xml

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

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:58:53 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 8 August 2007.