SPEC® CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Hewlett-Packard Company

(Test Sponsor: Intel Corporation)

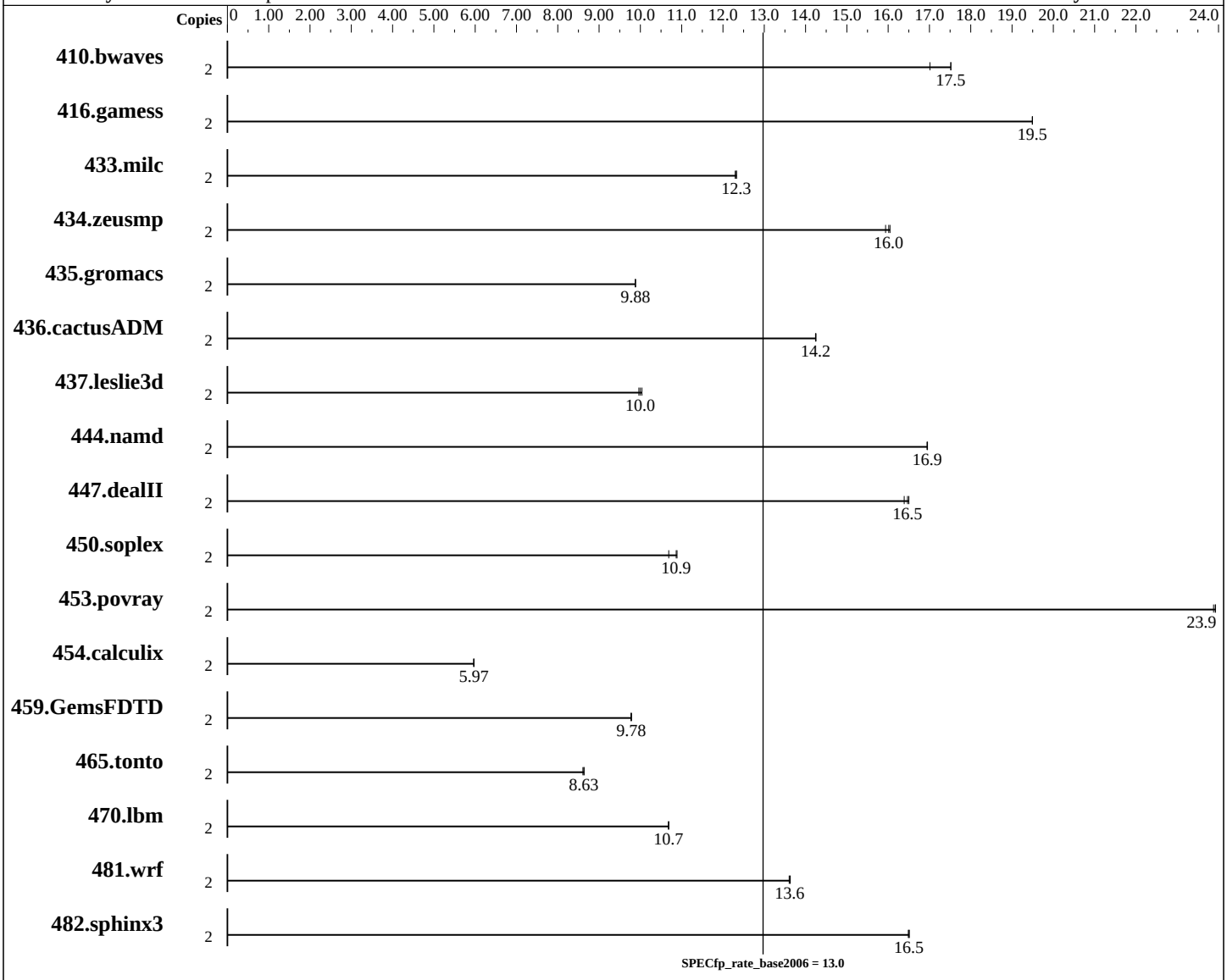
Compaq 6515B (AMD Turion 64 X2 TL-60)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 13.0

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jun-2007
Hardware Availability: Jun-2007
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

Continued on next page

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

Continued on next page

SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Hewlett-Packard Company

(Test Sponsor: Intel Corporation)

Compaq 6515B (AMD Turion 64 X2 TL-60)

SPECfp_rate2006 = Not Run

SPECfp_rate_base2006 = 13.0

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jun-2007
Hardware Availability: Jun-2007
Software Availability: Feb-2007

L3 Cache: None
Other Cache: None
Memory: 2 GB (2x1GB Qimonda HYS64T128021HDL-3S-B DDR2-667 CL5)
Disk Subsystem: Hitachi 100GB 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	1552	17.5	**1552**	**17.5**	1598	17.0							
416.gamess	2	2009	19.5	2009	19.5	**2009**	**19.5**							
433.milc	2	1490	12.3	**1490**	**12.3**	1493	12.3							
434.zeusmp	2	1142	15.9	**1136**	**16.0**	1134	16.0							
435.gromacs	2	**1445**	**9.88**	1445	9.88	1446	9.88							
436.cactusADM	2	**1677**	**14.2**	1677	14.2	1678	14.2							
437.leslie3d	2	1873	10.0	1887	9.96	**1880**	**10.0**							
444.namd	2	**947**	**16.9**	947	16.9	946	17.0							
447.dealII	2	1387	16.5	1396	16.4	**1389**	**16.5**							
450.soplex	2	1532	10.9	1561	10.7	**1535**	**10.9**							
453.povray	2	**445**	**23.9**	446	23.9	445	23.9							
454.calculix	2	2766	5.96	**2765**	**5.97**	2764	5.97							
459.GemsFDTD	2	2172	9.77	**2170**	**9.78**	2169	9.79							
465.tonto	2	**2280**	**8.63**	2286	8.61	2279	8.64							
470.lbm	2	**2572**	**10.7**	2572	10.7	2572	10.7							
481.wrf	2	**1640**	**13.6**	1642	13.6	1639	13.6							
482.sphinx3	2	**2361**	**16.5**	2364	16.5	2361	16.5							

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
```

Continued on next page

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

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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 12:40:41 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 8 August 2007.