



SPEC[®] CFP2006 Result

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Intel Corporation

SPECfp[®]_rate2006 = Not Run

Acer Aspire 3810T (Intel Core 2 Duo SU9400)

SPECfp_rate_base2006 = 17.4

CPU2006 license: 13

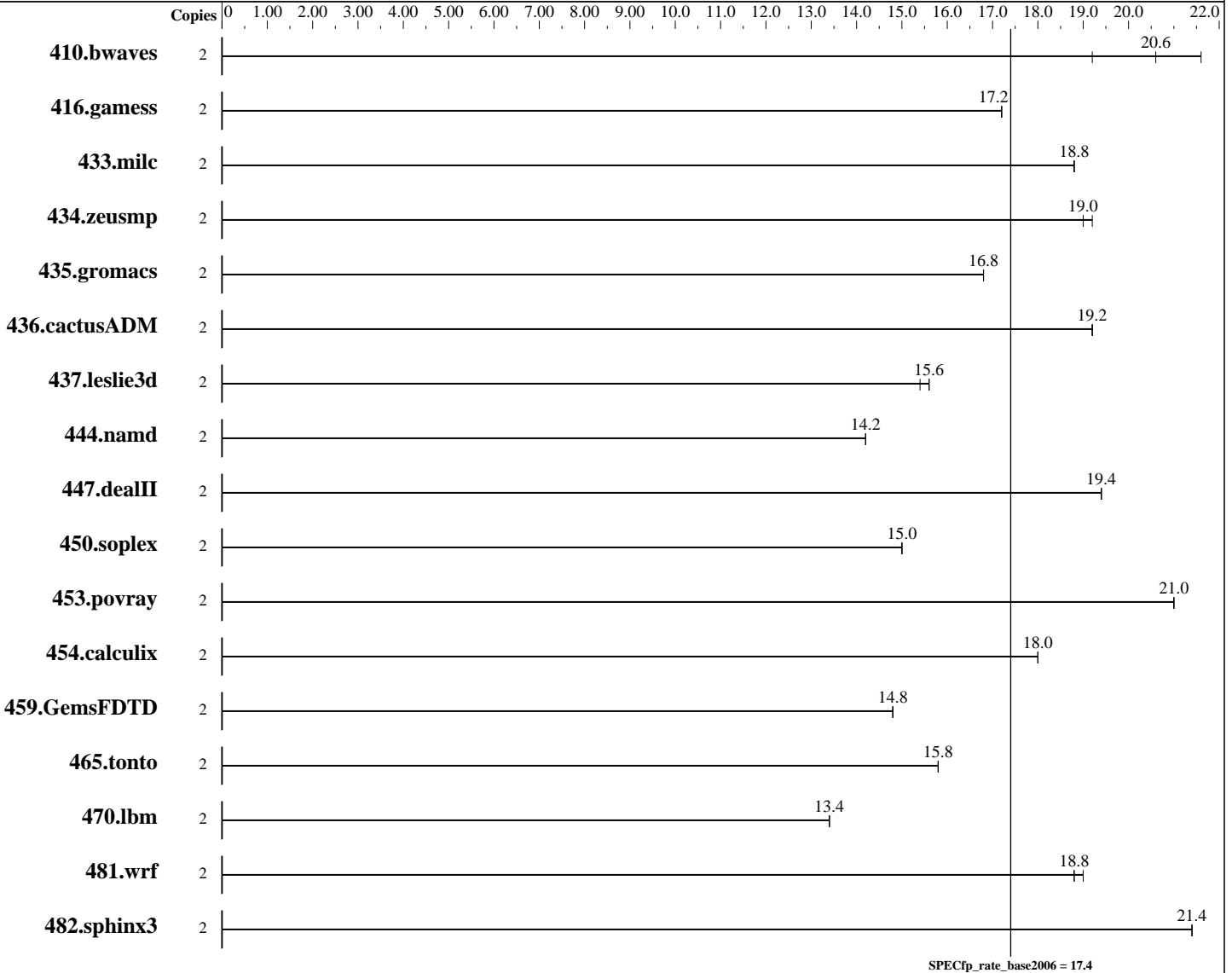
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: May-2009

Hardware Availability: May-2009

Software Availability: Nov-2008



Hardware

CPU Name: Intel Core 2 Duo SU9400
 CPU Characteristics:
 CPU MHz: 1400
 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: 3 MB I+D on chip per chip

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Software

Operating System: Windows Vista Home Premium w/ SP1 (32-bit)
 Compiler: Intel C++ Compiler Professional 11.0 for IA32
 Build 20080930 Package ID: w_cproc_p_11.0.054
 Intel Visual Fortran Compiler Professional 11.0 for IA32
 Build 20080930 Package ID: w_cprof_p_11.0.054
 Microsoft Visual Studio 2008 (for libraries)
 Auto Parallel: No
 File System: NTFS

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L3 Cache: None
 Other Cache: None
 Memory: 2 GB (2x1GB DDR3-1066 CL7; bios sets it to DDR2-800 CL5)
 Disk Subsystem: ST9250315AS 250 GB SATA, 5400RPM
 Other Hardware: None

System State: Default
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: SmartHeap Library Version 8.1 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	1421	19.2	<u>1317</u>	<u>20.6</u>	1259	21.6							
416.gamess	2	<u>2277</u>	<u>17.2</u>	2277	17.2	2277	17.2							
433.milc	2	981	18.8	976	18.8	<u>977</u>	<u>18.8</u>							
434.zeusmp	2	960	19.0	952	19.2	<u>960</u>	<u>19.0</u>							
435.gromacs	2	851	16.8	<u>851</u>	<u>16.8</u>	850	16.8							
436.cactusADM	2	1247	19.2	1243	19.2	<u>1244</u>	<u>19.2</u>							
437.leslie3d	2	1213	15.4	<u>1209</u>	<u>15.6</u>	1204	15.6							
444.namd	2	1126	14.2	1125	14.2	<u>1125</u>	<u>14.2</u>							
447.dealII	2	1182	19.4	<u>1184</u>	<u>19.4</u>	1185	19.4							
450.soplex	2	1109	15.0	1107	15.0	<u>1108</u>	<u>15.0</u>							
453.povray	2	<u>505</u>	<u>21.0</u>	504	21.0	505	21.0							
454.calculix	2	913	18.0	<u>913</u>	<u>18.0</u>	914	18.0							
459.GemsFDTD	2	1428	14.8	1431	14.8	<u>1431</u>	<u>14.8</u>							
465.tonto	2	<u>1245</u>	<u>15.8</u>	1244	15.8	1249	15.8							
470.lbm	2	2062	13.4	<u>2061</u>	<u>13.4</u>	2061	13.4							
481.wrf	2	1182	19.0	1182	18.8	<u>1182</u>	<u>18.8</u>							
482.sphinx3	2	1818	21.4	<u>1817</u>	<u>21.4</u>	1815	21.4							

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

Submit Notes

The config file option 'submit' was used.

General Notes

The system bus runs at 800 MHz
Binaries were built on Windows Vista Ultimate (32-bit)

Base Compiler Invocation

C benchmarks:
icl -Qvc9 -Qc99

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Base Compiler Invocation (Continued)

C++ benchmarks:

icl -Qvc9

Fortran benchmarks:

ifort

Benchmarks using both Fortran and C:

icl -Qvc9 -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
444.namd: -TP
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:

-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

C++ benchmarks:

-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx-features
/F1000000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:

-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

Benchmarks using both Fortran and C:

-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.xml>



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