



# SPEC® CFP2006 Result

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## Intel Corporation

## SPECfp®\_rate2006 = Not Run

## Acer Aspire 3810T (Intel Pentium SU2700)

## SPECfp\_rate\_base2006 = 9.60

CPU2006 license: 13

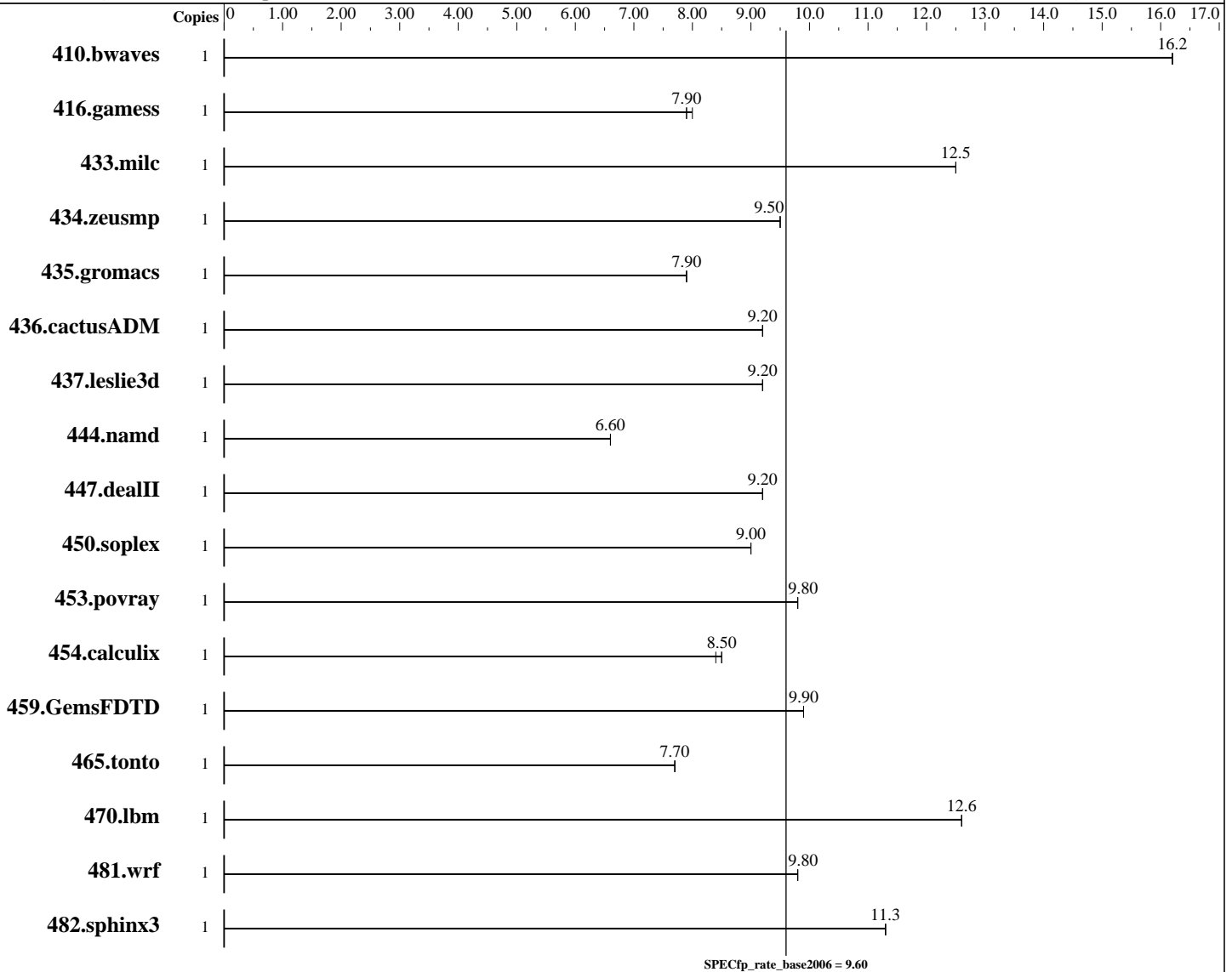
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: May-2009

Hardware Availability: May-2009

Software Availability: Nov-2008



### Hardware

CPU Name: Intel Pentium SU2700  
 CPU Characteristics:  
 CPU MHz: 1300  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1 chip  
 Primary Cache: 32 KB I + 32 KB D on chip per chip  
 Secondary Cache: 2 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	1	840	16.2	837	16.2	<b>837</b>	<b>16.2</b>							
416.gamess	1	2464	7.90	<b>2464</b>	<b>7.90</b>	2462	8.00							
433.milc	1	<b>732</b>	<b>12.5</b>	732	12.5	734	12.5							
434.zeusmp	1	955	9.50	<b>956</b>	<b>9.50</b>	957	9.50							
435.gromacs	1	<b>907</b>	<b>7.90</b>	907	7.90	906	7.90							
436.cactusADM	1	1301	9.20	1294	9.20	<b>1295</b>	<b>9.20</b>							
437.leslie3d	1	1020	9.20	1018	9.20	<b>1018</b>	<b>9.20</b>							
444.namd	1	1213	6.60	1214	6.60	<b>1213</b>	<b>6.60</b>							
447.dealII	1	1250	9.20	1249	9.20	<b>1249</b>	<b>9.20</b>							
450.soplex	1	927	9.00	<b>928</b>	<b>9.00</b>	928	9.00							
453.povray	1	<b>545</b>	<b>9.80</b>	545	9.80	544	9.80							
454.calculix	1	977	8.40	<b>976</b>	<b>8.50</b>	976	8.50							
459.GemsFDTD	1	1072	9.90	<b>1072</b>	<b>9.90</b>	1071	9.90							
465.tonto	1	<b>1275</b>	<b>7.70</b>	1275	7.70	1275	7.70							
470.lbm	1	1090	12.6	1092	12.6	<b>1090</b>	<b>12.6</b>							
481.wrf	1	1142	9.80	<b>1142</b>	<b>9.80</b>	1142	9.80							
482.sphinx3	1	<b>1724</b>	<b>11.3</b>	1725	11.3	1724	11.3							

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:

-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

C++ benchmarks:

-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx-features  
/F1000000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:

-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

Benchmarks using both Fortran and C:

-QxSSSE3 -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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For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

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