



# SPEC® CINT2006 Result

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## Intel Corporation

## SPECint®\_rate2006 = Not Run

## Acer Aspire 3810T (Intel Core 2 Duo SU9400)

## SPECint\_rate\_base2006 = 21.5

CPU2006 license: 13

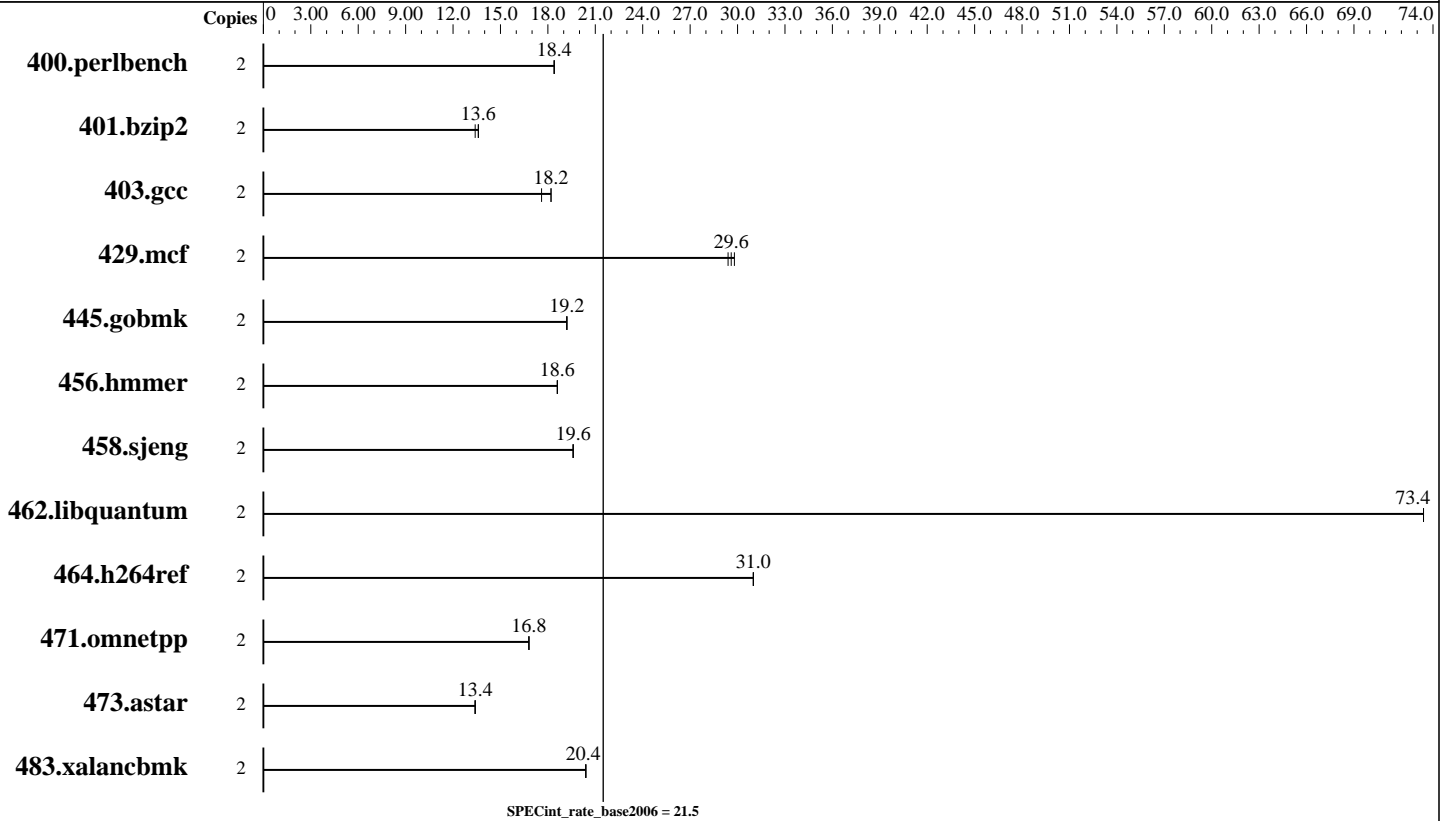
Test sponsor: Intel Corporation

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  
 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

### 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  
 Microsoft Visual Studio 2008 (for libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: SmartHeap Library Version 8.1 from <http://www.microquill.com/>



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## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	1058	18.4	1060	18.4	<u>1059</u>	<u>18.4</u>							
401.bzip2	2	1412	13.6	1430	13.4	<u>1423</u>	<u>13.6</u>							
403.gcc	2	885	18.2	912	17.6	<u>885</u>	<u>18.2</u>							
429.mcf	2	611	29.8	622	29.4	<u>618</u>	<u>29.6</u>							
445.gobmk	2	1098	19.2	1095	19.2	<u>1097</u>	<u>19.2</u>							
456.hammer	2	<u>1003</u>	<u>18.6</u>	1001	18.6	1004	18.6							
458.sjeng	2	1234	19.6	<u>1233</u>	<u>19.6</u>	1232	19.6							
462.libquantum	2	<u>565</u>	<u>73.4</u>	565	73.4	564	73.4							
464.h264ref	2	1431	31.0	1430	31.0	<u>1430</u>	<u>31.0</u>							
471.omnetpp	2	747	16.8	748	16.8	<u>747</u>	<u>16.8</u>							
473.astar	2	1055	13.4	<u>1055</u>	<u>13.4</u>	1054	13.4							
483.xalancbmk	2	<u>679</u>	<u>20.4</u>	679	20.4	680	20.4							

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

C++ benchmarks:  
icl -Qvc9

## Base Portability Flags

403.gcc: -DSPEC\_CPU\_WIN32  
464.h264ref: -DSPEC\_CPU\_NO\_INTTYPES -DWIN32  
483.xalancbmk: -Qoption,cpp,--no\_wchar\_t\_keyword



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## Base Optimization Flags

C benchmarks:

`-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F512000000`

C++ benchmarks:

`-QxSSE4.1 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx-features  
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE`

## Base Other Flags

C benchmarks:

`403.gcc: -Dalloca=_alloca`

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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