



# SPEC® CINT2006 Result

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## Fujitsu Siemens Computers

**SPECint®2006 = 17.6**

CELSIUS H250, Intel Core 2 Duo T7700 processor

**SPECint\_base2006 = 16.6**

CPU2006 license: 22

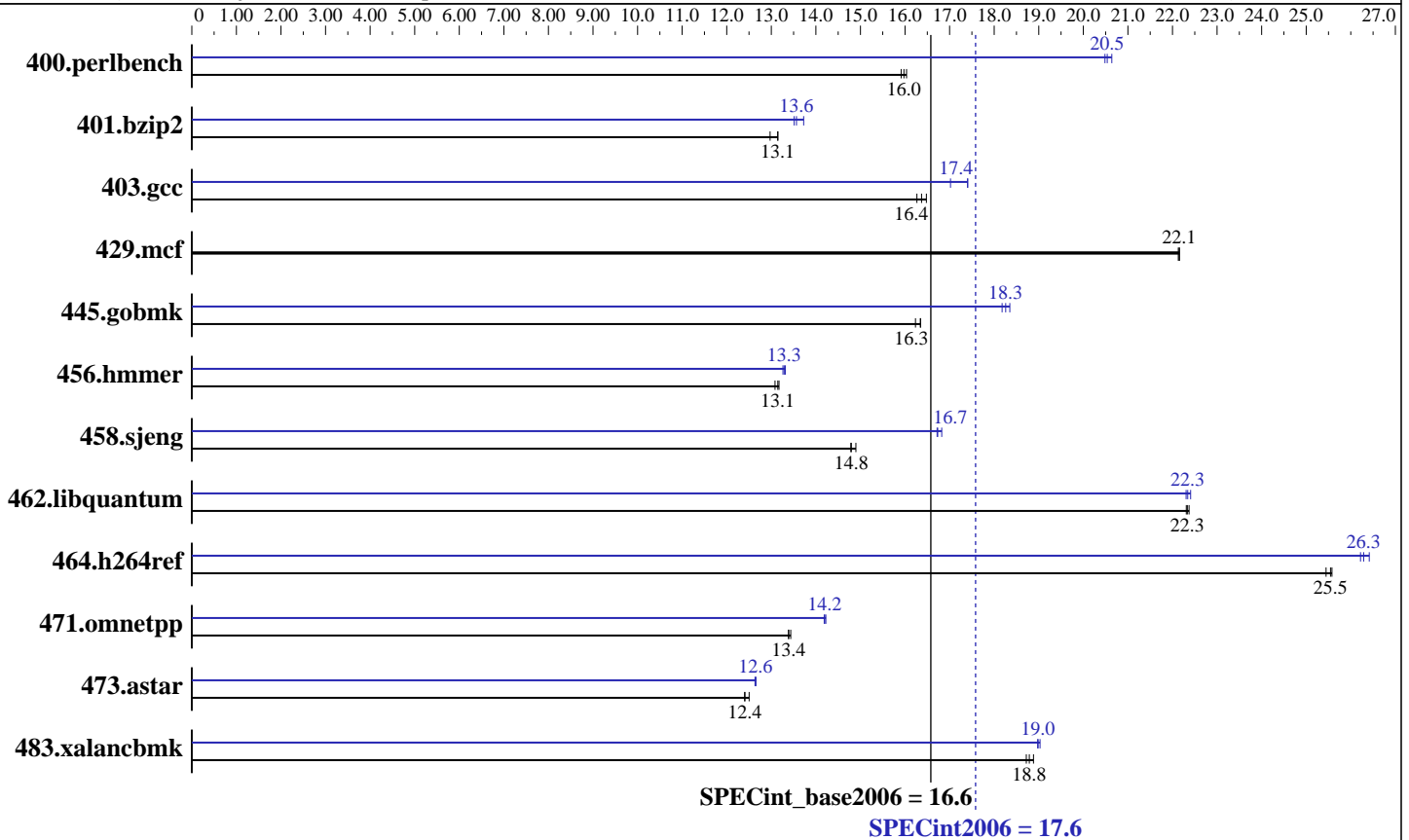
Test date: Jul-2007

Test sponsor: Fujitsu Siemens Computers

Hardware Availability: Jul-2007

Tested by: Fujitsu Siemens Computers

Software Availability: Jun-2007



### Hardware

CPU Name: Intel Core 2 Duo T7700  
 CPU Characteristics:  
 CPU MHz: 2400  
 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: 4 MB I+D on chip per chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 2 GB (2x1 GB 667 MHz CL5 DDR2 SDRAM)  
 Disk Subsystem: 1 x 80 GB SATA 7200 RPM  
 Other Hardware: None

### Software

Operating System: Windows Vista Ultimate, 64 bit Version  
 Compiler: Intel C++ Compiler for applications  
 . running on IA-32, Version 10.0,  
 . Build 20070613, Package ID: W\_CC\_C\_10.0.026  
 Microsoft Visual Studio 2005 with SP1 (for  
 libraries)  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: MicroQuill SmartHeap Library 8.1



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## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	609	16.0	<b>612</b>	<b>16.0</b>	614	15.9	473	20.6	<b>476</b>	<b>20.5</b>	477	20.5
401.bzip2	744	13.0	734	13.1	<b>734</b>	<b>13.1</b>	703	13.7	<b>711</b>	<b>13.6</b>	714	13.5
403.gcc	488	16.5	<b>492</b>	<b>16.4</b>	495	16.3	<b>463</b>	<b>17.4</b>	462	17.4	473	17.0
429.mcf	412	22.2	412	22.1	<b>412</b>	<b>22.1</b>	412	22.2	412	22.1	<b>412</b>	<b>22.1</b>
445.gobmk	642	16.3	<b>642</b>	<b>16.3</b>	646	16.2	572	18.4	<b>575</b>	<b>18.3</b>	577	18.2
456.hammer	708	13.2	<b>710</b>	<b>13.1</b>	713	13.1	701	13.3	<b>702</b>	<b>13.3</b>	704	13.3
458.sjeng	812	14.9	<b>818</b>	<b>14.8</b>	818	14.8	719	16.8	<b>723</b>	<b>16.7</b>	724	16.7
462.libquantum	929	22.3	<b>928</b>	<b>22.3</b>	926	22.4	925	22.4	929	22.3	<b>927</b>	<b>22.3</b>
464.h264ref	870	25.4	865	25.6	<b>866</b>	<b>25.5</b>	838	26.4	<b>842</b>	<b>26.3</b>	844	26.2
471.omnetpp	467	13.4	<b>467</b>	<b>13.4</b>	465	13.4	439	14.2	<b>440</b>	<b>14.2</b>	441	14.2
473.astar	566	12.4	<b>566</b>	<b>12.4</b>	561	12.5	555	12.7	<b>555</b>	<b>12.6</b>	556	12.6
483.xalancbmk	369	18.7	<b>367</b>	<b>18.8</b>	365	18.9	363	19.0	<b>363</b>	<b>19.0</b>	364	19.0

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

## Platform Notes

BIOS default settings have been used.

## General Notes

For information about Fujitsu Siemens Computers in your country please see:  
<http://www.fujitsu-siemens.com/countries>

## Base Compiler Invocation

C benchmarks:  
icl -Qvc8 -Qc99

C++ benchmarks:  
icl -Qvc8

## 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:

-fast -F512000000 -link -FORCE:MULTIPLE

C++ benchmarks:

-fast -Qcxx-features -F512000000 shlW32M.lib -link -FORCE:MULTIPLE

## Base Other Flags

C benchmarks:

403.gcc: -Dalloca=\_alloca

## Peak Compiler Invocation

C benchmarks:

icl -Qvc8 -Qc99

C++ benchmarks:

icl -Qvc8

## Peak Portability Flags

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

## Peak Optimization Flags

C benchmarks:

400.perlbench: -Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -F512000000  
shlW32M.lib -link -FORCE:MULTIPLE

401.bzip2: Same as 400.perlbench

403.gcc: -Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -F512000000  
-link -FORCE:MULTIPLE

429.mcf: basepeak = yes

445.gobmk: Same as 400.perlbench

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## Peak Optimization Flags (Continued)

456.hmmmer: Same as 400.perlbench

458.sjeng: Same as 400.perlbench

462.libquantum: Same as 400.perlbench

464.h264ref: Same as 400.perlbench

C++ benchmarks:

-Qprof\_gen(pass 1) -Qprof\_use(pass 2) -fast -Qcxx-features  
-F512000000 shlW32M.lib -link -FORCE:MULTIPLE

## Peak 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/CPU2006\\_flags.20090714.14.html](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.14.html)

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

[http://www.spec.org/cpu2006/flags/CPU2006\\_flags.20090714.14.xml](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.14.xml)

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For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

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