

# SPEC® CFP2006 Result

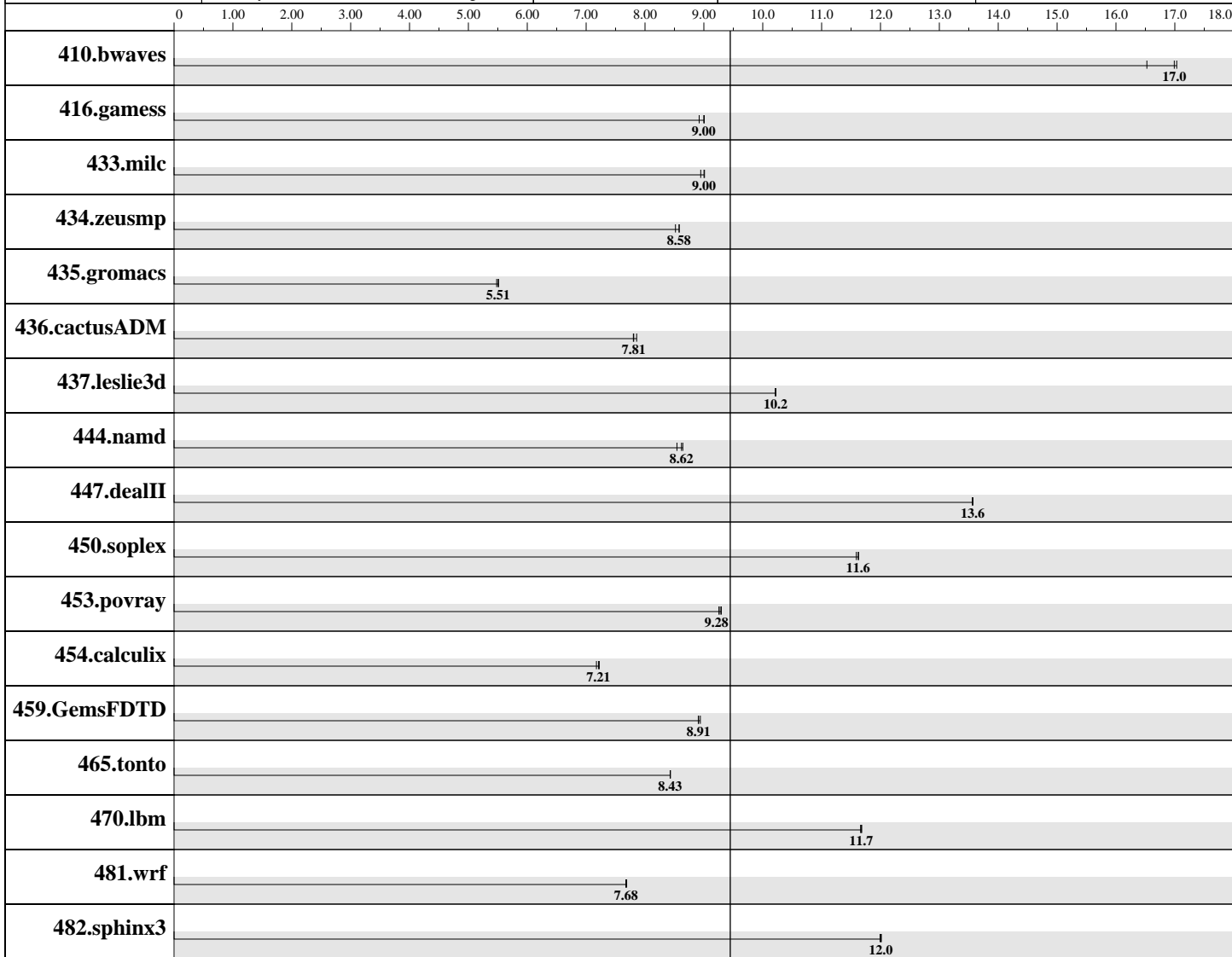
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Sti Tecnologias de la Informacion  
Intel Core 2 Duo 6300

SPECfp®2006 = **Not Run**

SPECfp\_base2006 = **9.45**

CPU2006 license #: 2433 | Test sponsor: DPT Comp.Sciences, Univ.Valladolid | Test date: Feb-2008 | Hardware Availability: Oct-2007 | Software Availability: Feb-2008  
Tested by: Sergio Aldea



SPECfp\_base2006 = 9.45

## Hardware

CPU Name: i686 Intel Core 2 CPU E6300  
 CPU Characteristics: 1.86 GHz, 1066 MHz bus  
 CPU MHz: 1865  
 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: 2 MB I+D on chip per core  
 L3 Cache: None  
 Other Cache: None

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## Software

Operating System: Mandriva Linux release 2007.1 (Official) for i586  
 Compiler: Sun C 5.9 Linux\_i386 Patch 124871-01  
 Sun C++ 5.9 Linux\_i386 Patch 124865-01  
 Sun Fortran 95 8.3 Linux\_i386 Patch 127145-01  
 Auto Parallel: No  
 File System: ext3  
 System State: runlevel 5  
 Base Pointers: 32-bit  
 Peak Pointers: 32-bit  
 Other Software: None

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## Hardware (Continued)

Memory: 3 GB (2x512MB + 2x1GB DDR2 667MHz)  
Disk Subsystem: Seagate St3250820as 250GB SATA II  
(7200 rpm, 8MB Cache, ATA300)  
Other Hardware: --

## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	822	16.5	798	17.0	<b>800</b>	<b>17.0</b>						
416.gamess	2200	8.92	<b>2180</b>	<b>9.00</b>	2170	9.01						
433.milc	1030	8.95	1020	9.01	<b>1020</b>	<b>9.00</b>						
434.zeusmp	1060	8.58	<b>1060</b>	<b>8.58</b>	1070	8.52						
435.gromacs	<b>1300</b>	<b>5.51</b>	1300	5.48	1300	5.51						
436.cactusADM	1520	7.86	1530	7.80	<b>1530</b>	<b>7.81</b>						
437.leslie3d	920	10.2	920	10.2	<b>920</b>	<b>10.2</b>						
444.namd	939	8.54	<b>930</b>	<b>8.62</b>	928	8.64						
447.dealII	<b>843</b>	<b>13.6</b>	843	13.6	844	13.6						
450.soplex	720	11.6	<b>718</b>	<b>11.6</b>	717	11.6						
453.povray	<b>573</b>	<b>9.28</b>	575	9.26	572	9.30						
454.calculix	<b>1140</b>	<b>7.21</b>	1150	7.18	1140	7.22						
459.GemsFDTD	<b>1190</b>	<b>8.91</b>	1190	8.94	1190	8.91						
465.tonto	1170	8.43	1170	8.43	<b>1170</b>	<b>8.43</b>						
470.lbm	1180	11.7	<b>1180</b>	<b>11.7</b>	1180	11.7						
481.wrf	<b>1450</b>	<b>7.68</b>	1460	7.68	1450	7.69						
482.sphinx3	1630	12.0	1620	12.0	<b>1620</b>	<b>12.0</b>						

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

## General Notes

C base flags: -fast -xarch=sse3  
C++ base flags: -fast -library=stlport4 (except for 453.povray) -xarch=sse3  
Fortran base flags: -fast -xarch=sse3  
wrf\_data\_header\_size=4 for Intel Compiler

## Base Compiler Invocation

C benchmarks:  
suncc

C++ benchmarks:  
CC

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## Base Compiler Invocation (Continued)

Fortran benchmarks:  
f90

Benchmarks using both Fortran and C:  
suncc f90

## Base Portability Flags

C benchmarks:  
No flags used

C++ benchmarks:  
No flags used

Fortran benchmarks:  
No flags used

Benchmarks using both Fortran and C (except as noted below):  
No flags used

481.wrf: -DSPEC\_CPU\_LINUX -DSPEC\_CPU\_CASE\_FLAG

## Base Optimization Flags

C benchmarks:  
-fast -xarch=sse3

C++ benchmarks (except as noted below):  
-fast -library=stlport4 -xarch=sse3

453.povray: -fast -xarch=sse3

Fortran benchmarks:  
-fast -xarch=sse3

Benchmarks using both Fortran and C:  
-fast(cc) -fast(f90) -xarch=sse3

## Base Other Flags

C benchmarks:  
No flags used

C++ benchmarks:  
No flags used

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## Base Other Flags (Continued)

Fortran benchmarks:

No flags used

Benchmarks using both Fortran and C:

No flags used

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