

SPEC® CFP2006 Result

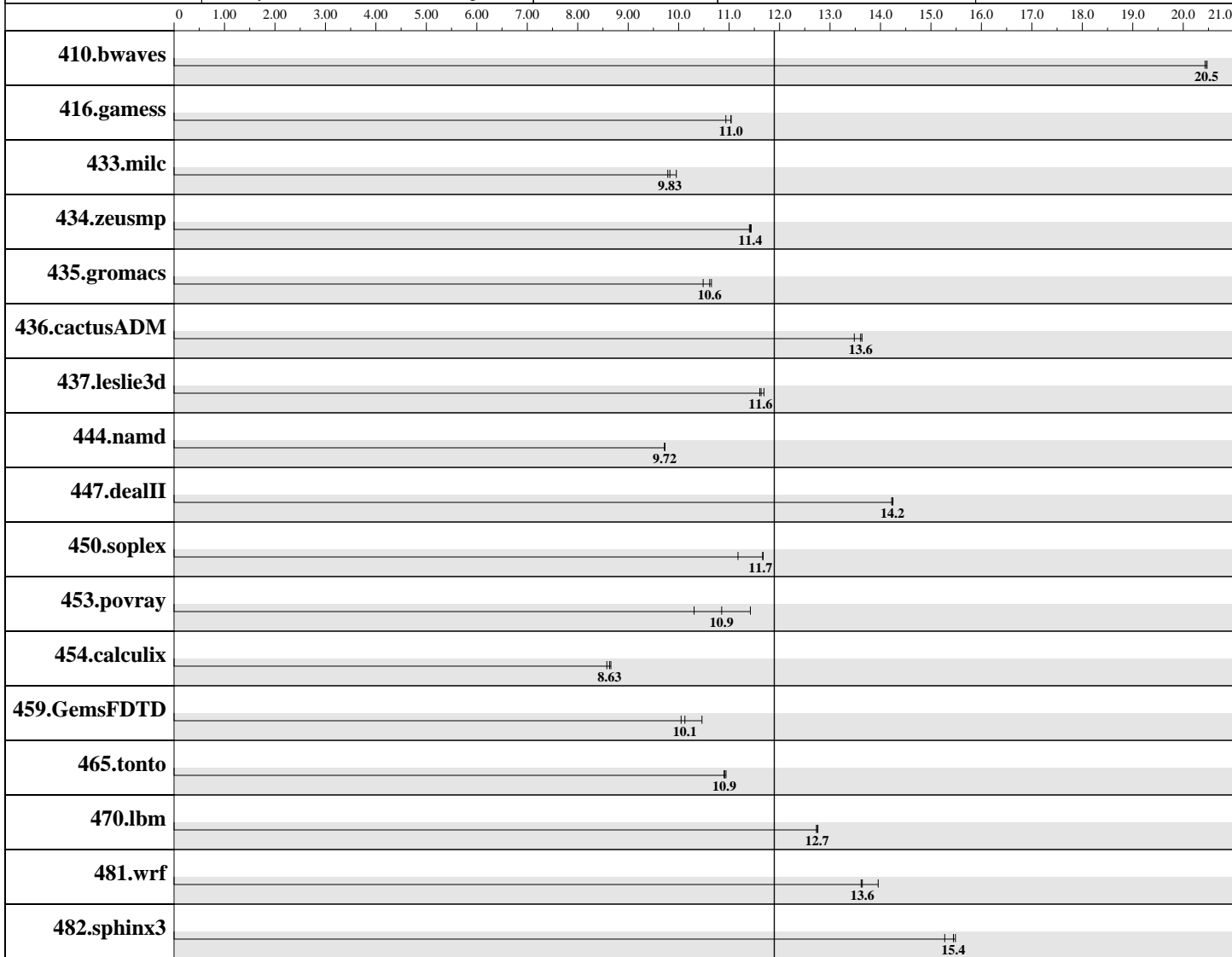
Copyright ©2006 Standard Performance Evaluation Corporation

Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECfp®2006 = **Not Run**

SPECfp_base2006 = **11.9**

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



SPECfp_base2006 = 11.9

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

Continued on next page

Software

Operating System: Mandriva Linux release 2007.1 (Official) for i586
 Compiler: Intel C++ Compiler 10.0 Professional Edition for Linux (20070809)
 Intel Fortran Compiler 10.0 Professional Edition for Linux (20070809)
 Auto Parallel: No
 File System: ext3
 System State: runlevel 5
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: None

SPEC CFP2006 Result

Copyright ©2006 Standard Performance Evaluation Corporation

Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECfp2006 = Not Run

SPECfp_base2006 = 11.9

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

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	665	20.4	664	20.5	664	20.5						
416.gamess	1770	11.0	1790	10.9	1770	11.0						
433.milc	938	9.79	922	9.95	934	9.83						
434.zeusmp	798	11.4	796	11.4	797	11.4						
435.gromacs	670	10.6	673	10.6	681	10.5						
436.cactusADM	886	13.5	877	13.6	878	13.6						
437.leslie3d	810	11.6	808	11.6	804	11.7						
444.namd	825	9.72	825	9.72	825	9.72						
447.dealII	804	14.2	803	14.2	803	14.2						
450.soplex	746	11.2	715	11.7	714	11.7						
453.povray	516	10.3	466	11.4	490	10.9						
454.calculix	962	8.58	953	8.66	956	8.63						
459.GemsFDTD	1010	10.5	1050	10.1	1060	10.0						
465.tonto	902	10.9	900	10.9	903	10.9						
470.lbm	1080	12.8	1080	12.7	1080	12.7						
481.wrf	820	13.6	819	13.6	800	14.0						
482.sphinx3	1260	15.5	1260	15.4	1280	15.3						

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

General Notes

C base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
C++ base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
Fortran base flags:-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops
wrf_data_header_size=4 for Intel Compiler

Base Compiler Invocation

C benchmarks:
icc

C++ benchmarks:
icpc

Continued on next page

SPEC CFP2006 Result

Copyright ©2006 Standard Performance Evaluation Corporation

Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECfp2006 = Not Run

SPECfp_base2006 = 11.9

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

Base Compiler Invocation (Continued)

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icc ifort

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:
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops

C++ benchmarks:
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops

Fortran benchmarks:
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops

Benchmarks using both Fortran and C (except as noted below):
-O3 -ipo -xT -no-prec-div -axT -funroll-all-loops -nofor-main(*)

481.wrf: -O3 -ipo -xT -no-prec-div -axT -funroll-all-loops

(*) Indicates an optimization flag that was found in a portability variable.

Base Other Flags

C benchmarks:
No flags used

Continued on next page

SPEC CFP2006 Result

Copyright ©2006 Standard Performance Evaluation Corporation

Sti Tecnologias de la Informacion
Intel Core 2 Duo 6300

SPECfp2006 = Not Run

SPECfp_base2006 = 11.9

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

Base Other Flags (Continued)

C++ benchmarks:

No flags used

Fortran benchmarks:

No flags used

Benchmarks using both Fortran and C:

No flags used

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.