



SPEC[®] CFP2006 Result

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Sun Microsystems Sun Fire 3800

SPECfp[®]2006 = --
SPECfp_base2006 = 3.46

CPU2006 license: 6

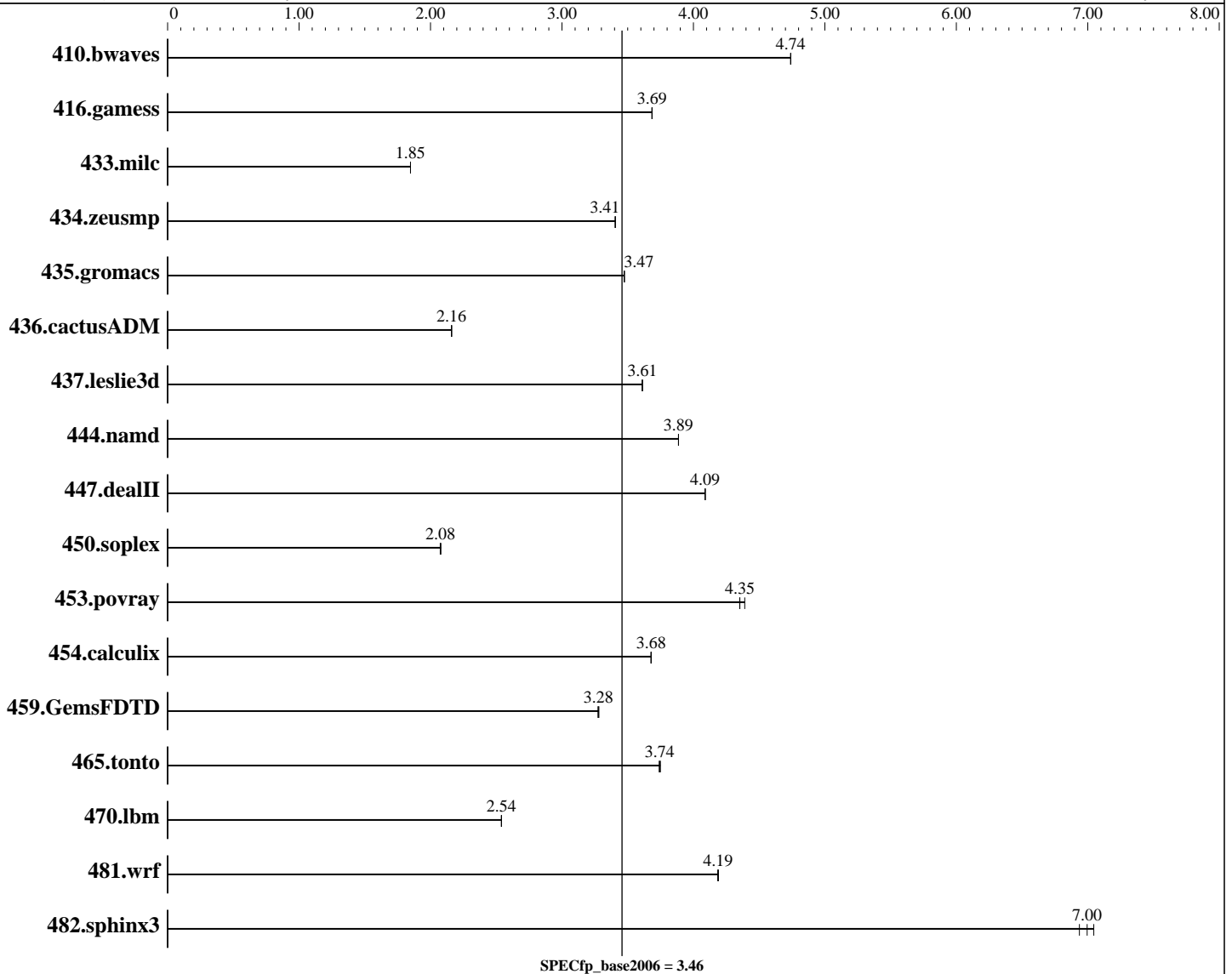
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Mar-2003

Software Availability: May-2006



Hardware

CPU Name: UltraSPARC III Cu
 CPU Characteristics:
 CPU MHz: 1200
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 2,4,6,8 chips
 Primary Cache: 32 KB I + 64 KB D on chip per chip
 Secondary Cache: 8 MB I+D off chip per chip

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Software

Operating System: Solaris 10 1/06
 Compiler: Sun Studio 11 with patch 120760-03
 Auto Parallel: No
 File System: ufs
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: None



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L3 Cache: None
Other Cache: None
Memory: 4 GB (8 x 512 MB DIMM, 4-way interleaved)
Disk Subsystem: 1x18GB 10,000RPM SCSI for SPEC
2x18GB 10,000RPM SCSI (RAID 1) for system
Other Hardware: None

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2867	4.74	2867	4.74	2867	4.74						
416.gamess	5313	3.69	5313	3.69	5313	3.69						
433.milc	4968	1.85	4968	1.85	4968	1.85						
434.zeusmp	2672	3.41	2672	3.41	2672	3.41						
435.gromacs	2055	3.47	2056	3.47	2055	3.48						
436.cactusADM	5533	2.16	5531	2.16	5533	2.16						
437.leslie3d	2602	3.61	2604	3.61	2603	3.61						
444.namd	2063	3.89	2064	3.89	2064	3.89						
447.dealII	2798	4.09	2797	4.09	2797	4.09						
450.soplex	4012	2.08	4021	2.07	4018	2.08						
453.povray	1212	4.39	1222	4.35	1222	4.35						
454.calculix	2243	3.68	2243	3.68	2243	3.68						
459.GemsFDTD	3238	3.28	3234	3.28	3241	3.27						
465.tonto	2631	3.74	2628	3.74	2625	3.75						
470.lbm	5409	2.54	5410	2.54	5411	2.54						
481.wrf	2669	4.18	2667	4.19	2666	4.19						
482.sphinx3	2786	7.00	2810	6.94	2766	7.05						

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

Operating System Notes

Stack limit set to 131072

Platform Notes

Only 1 CPU enabled by the system controller
(prior to boot)

Base Compiler Invocation

C benchmarks:
cc

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Base Compiler Invocation (Continued)

C++ benchmarks:
cc

Fortran benchmarks:
f90

Benchmarks using both Fortran and C:
cc f90

Base Optimization Flags

C benchmarks:
-g -fast -xpagesize=4M

C++ benchmarks:
-g0 -library=stlport4 -fast -xpagesize=4M

Fortran benchmarks:
-g -fast -xpagesize=4M

Benchmarks using both Fortran and C:
-g -fast(cc) -fast(f90) -xpagesize=4M

Base Other Flags

C benchmarks:
-V

C++ benchmarks:
-verbose=version

Fortran benchmarks:
-V

Benchmarks using both Fortran and C:
-V

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/sun-studio.html>

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

<http://www.spec.org/cpu2006/flags/sun-studio.xml>



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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

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