



SPEC[®] CFP2006 Result

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Sun Microsystems Sun Blade 2500

SPECfp[®]2006 = --
SPECfp_base2006 = 4.04

CPU2006 license: 6

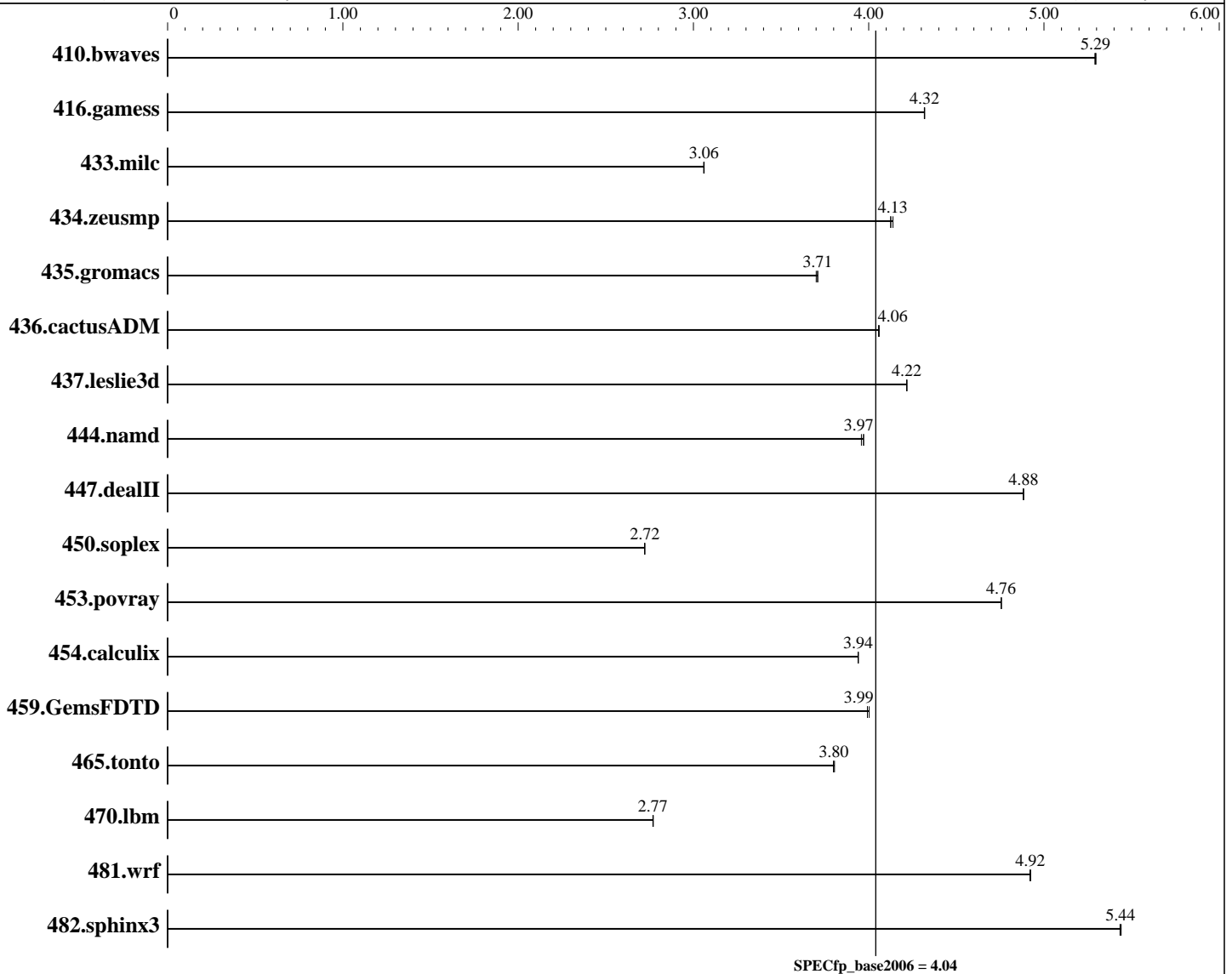
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Dec-2003

Software Availability: May-2006



Hardware

CPU Name: UltraSPARC IIIi
 CPU Characteristics:
 CPU MHz: 1280
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1-2 chips
 Primary Cache: 32 KB I + 64 KB D on chip per chip
 Secondary Cache: 1 MB I+D on 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 (16-way interleaved)
Disk Subsystem: 2x36GB 10K RPM SCSI (1 disk for sys, 1 for SPEC)
Other Hardware: None

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	<u>2567</u>	<u>5.29</u>	2569	5.29	2566	5.30						
416.gamess	4533	4.32	<u>4535</u>	<u>4.32</u>	4535	4.32						
433.milc	<u>3000</u>	<u>3.06</u>	2999	3.06	3001	3.06						
434.zeusmp	2199	4.14	<u>2206</u>	<u>4.13</u>	2206	4.13						
435.gromacs	1929	3.70	<u>1925</u>	<u>3.71</u>	1925	3.71						
436.cactusADM	<u>2945</u>	<u>4.06</u>	2943	4.06	2946	4.06						
437.leslie3d	2229	4.22	<u>2229</u>	<u>4.22</u>	2229	4.22						
444.namd	2020	3.97	2026	3.96	<u>2020</u>	<u>3.97</u>						
447.dealII	2342	4.88	2344	4.88	<u>2343</u>	<u>4.88</u>						
450.soplex	<u>3063</u>	<u>2.72</u>	3063	2.72	3065	2.72						
453.povray	<u>1118</u>	<u>4.76</u>	1118	4.76	1119	4.76						
454.calculix	2094	3.94	2094	3.94	<u>2094</u>	<u>3.94</u>						
459.GemsFDTD	2657	3.99	2651	4.00	<u>2657</u>	<u>3.99</u>						
465.tonto	2586	3.81	<u>2589</u>	<u>3.80</u>	2590	3.80						
470.lbm	<u>4961</u>	<u>2.77</u>	4958	2.77	4962	2.77						
481.wrf	2269	4.92	2270	4.92	<u>2269</u>	<u>4.92</u>						
482.sphinx3	3587	5.43	<u>3585</u>	<u>5.44</u>	3582	5.44						

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 was physically present

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.
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