



SPEC[®] CFP2006 Result

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Sun Microsystems Sun Blade 1000

SPECfp[®]2006 = --
SPECfp_base2006 = 3.04

CPU2006 license: 6

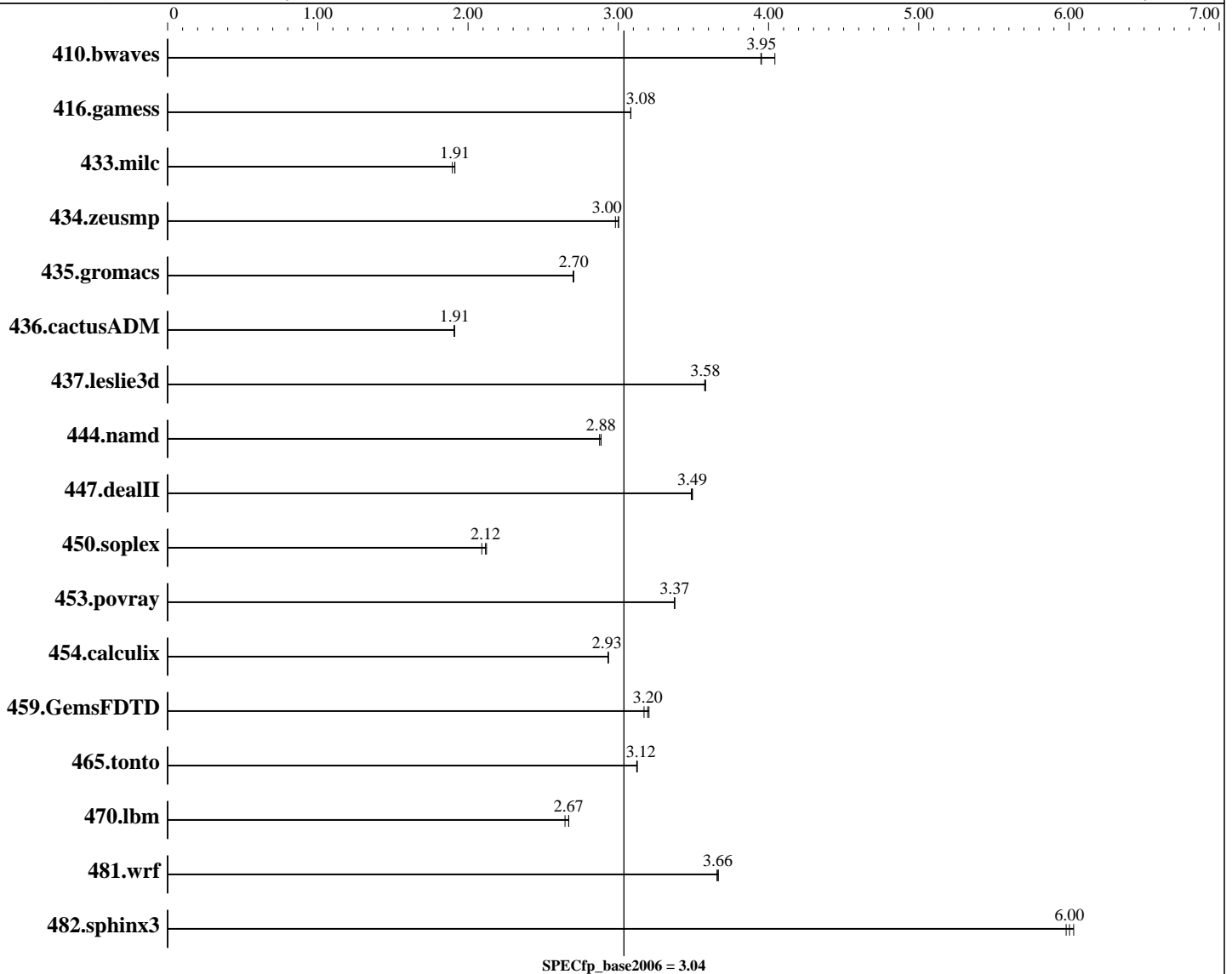
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Nov-2001

Software Availability: May-2006



Hardware

CPU Name: UltraSPARC III Cu
 CPU Characteristics:
 CPU MHz: 900
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1,2 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: 2 GB (4-way interleaved)
Disk Subsystem: 1x18GB 10K RPM for system
1x36GB 10K RPM for SPEC
Other Hardware: None

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	3441	3.95	<u>3438</u>	<u>3.95</u>	3362	4.04						
416.gamess	6351	3.08	<u>6351</u>	<u>3.08</u>	6349	3.08						
433.milc	<u>4802</u>	<u>1.91</u>	4801	1.91	4842	1.90						
434.zeusmp	3031	3.00	<u>3032</u>	<u>3.00</u>	3053	2.98						
435.gromacs	<u>2642</u>	<u>2.70</u>	2641	2.70	2645	2.70						
436.cactusADM	6267	1.91	<u>6258</u>	<u>1.91</u>	6256	1.91						
437.leslie3d	2625	3.58	<u>2627</u>	<u>3.58</u>	2630	3.57						
444.namd	2790	2.87	2779	2.89	<u>2780</u>	<u>2.88</u>						
447.dealII	3274	3.49	<u>3276</u>	<u>3.49</u>	3282	3.49						
450.soplex	3929	2.12	<u>3942</u>	<u>2.12</u>	3988	2.09						
453.povray	1576	3.37	<u>1576</u>	<u>3.37</u>	1576	3.38						
454.calculix	<u>2813</u>	<u>2.93</u>	2812	2.93	2813	2.93						
459.GemsFDTD	<u>3320</u>	<u>3.20</u>	3346	3.17	3311	3.20						
465.tonto	<u>3151</u>	<u>3.12</u>	3151	3.12	3147	3.13						
470.lbm	<u>5147</u>	<u>2.67</u>	5145	2.67	5194	2.65						
481.wrf	3047	3.67	<u>3050</u>	<u>3.66</u>	3055	3.66						
482.sphinx3	3259	5.98	<u>3246</u>	<u>6.00</u>	3232	6.03						

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

Platform Notes

Although two CPUs were enabled during testing, the SPEC CPU2006 benchmarks used only one CPU

Base Compiler Invocation

C benchmarks:
cc

C++ benchmarks:
CC

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Base Compiler Invocation (Continued)

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.

Tested with SPEC CPU2006 v89.
Report generated on Tue Jul 22 09:57:36 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 24 August 2006.