SPEC® CFP2006 Result

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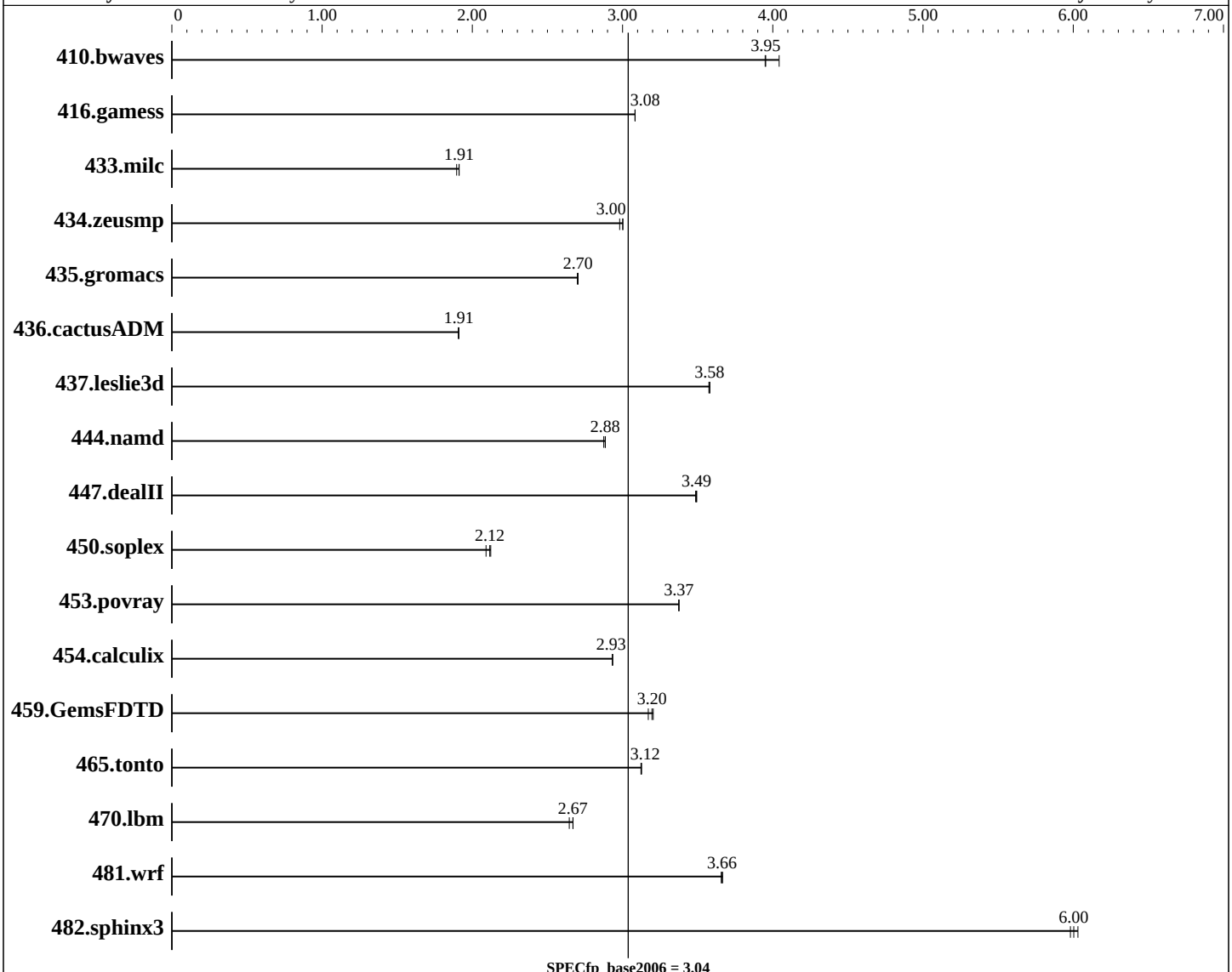
Sun Microsystems
Sun Blade 1000

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

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

Platform Notes

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

Base Compiler Invocation

C benchmarks:
cc

C++ benchmarks:
CC

Continued on next page

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.

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