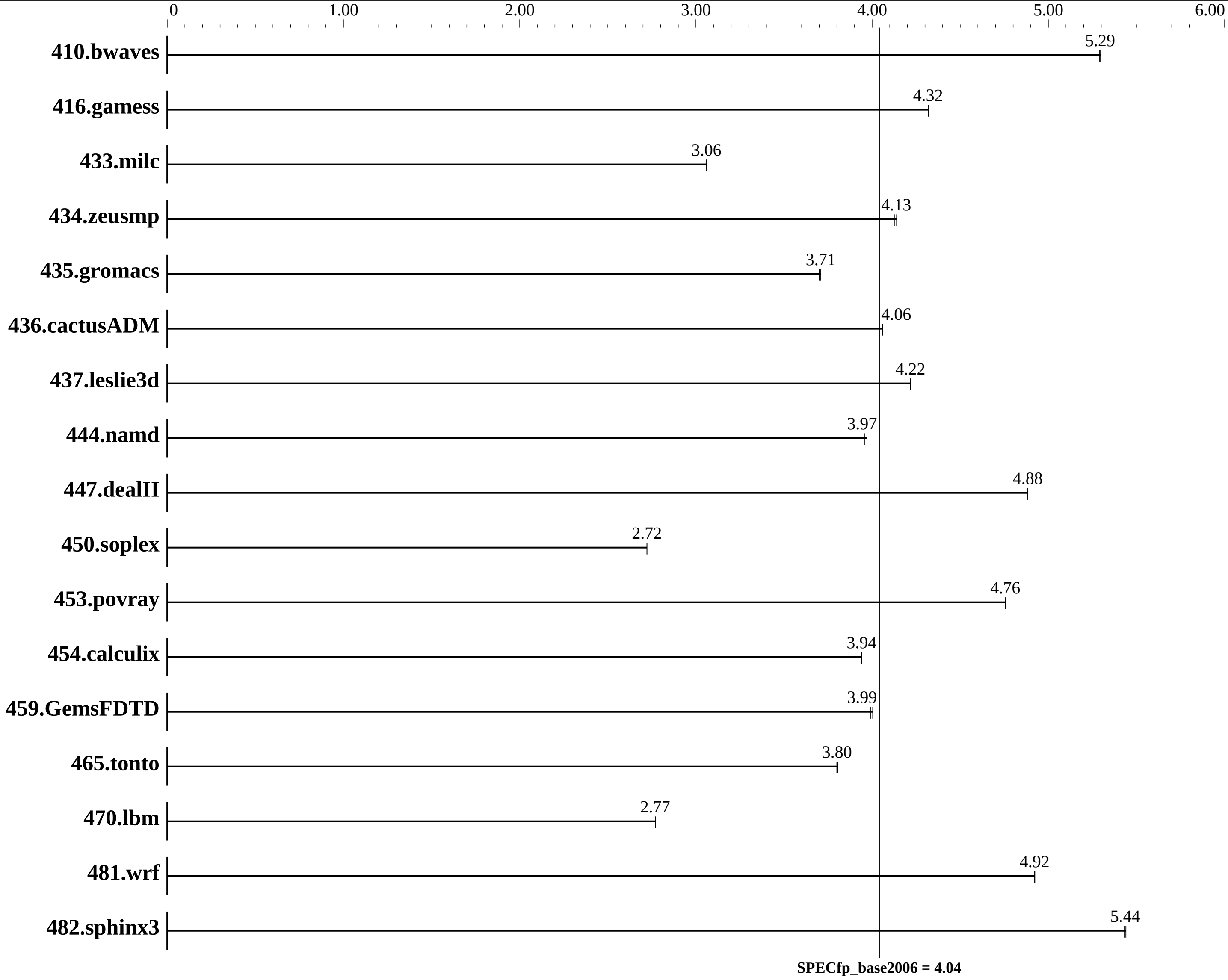
SPEC® CFP2006 Result

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

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

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