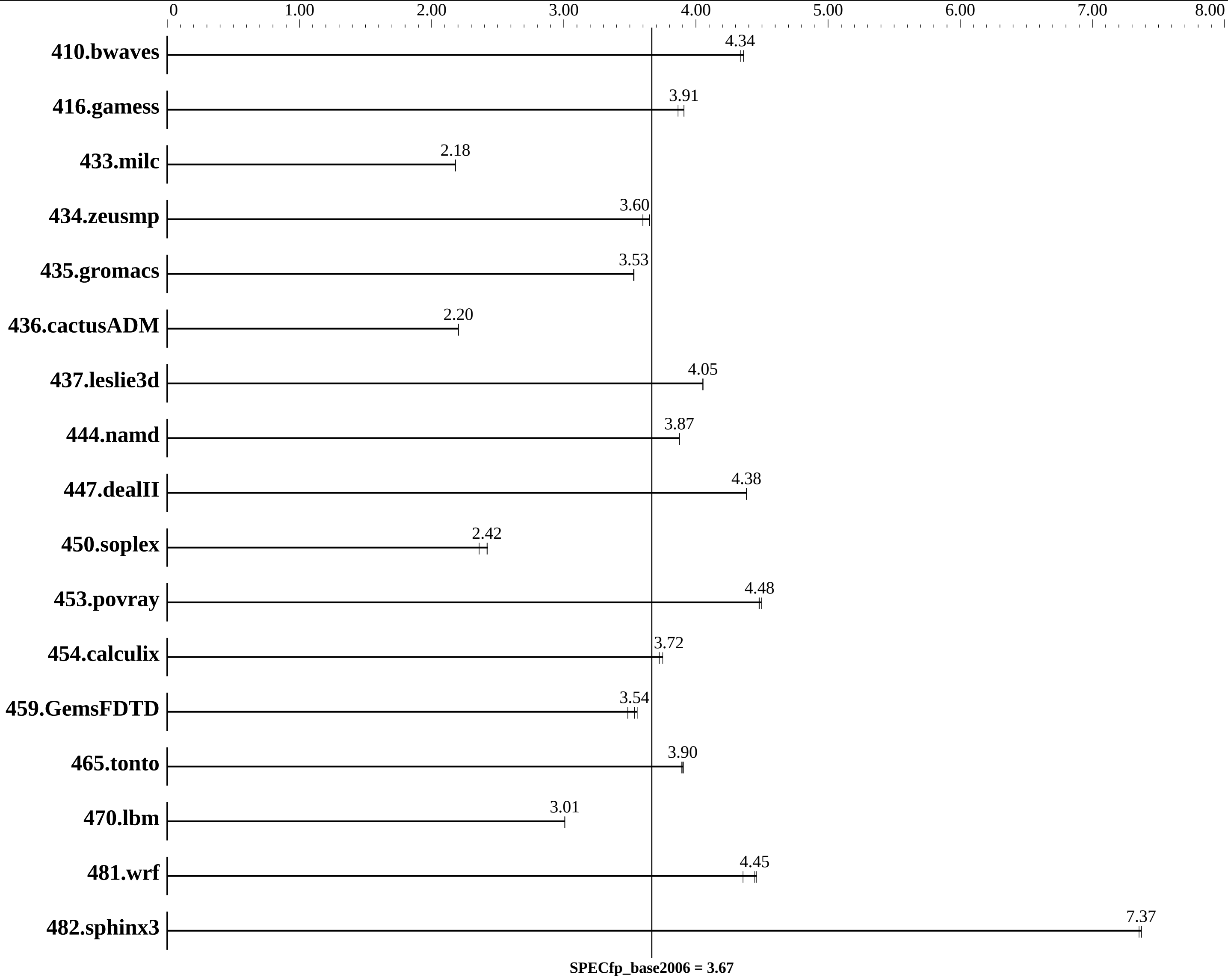
SPEC® CFP2006 Result

Sun Microsystems
Sun Blade 2000

SPECfp®2006 = --

SPECfp_base2006 = 3.67

CPU2006 license:	6	**Test date:**	Mar-2006
Test sponsor:	Sun Microsystems	**Hardware Availability:**	Apr-2003
Tested by:	Sun Microsystems	**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:	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 3/05
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:	8 GB (4-way interleaved)
Disk Subsystem:	6x36GB 10,000RPM SCSI (RAID 1+0) for SPEC 2x73GB 10,000RPM FC-AL (RAID 1) for system
Other Hardware:	None

Results Table

	Base						Peak					
Benchmark	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	3117	4.36	**3135**	**4.34**	3135	4.34						
416.gamess	5066	3.86	**5008**	**3.91**	5008	3.91						
433.milc	4209	2.18	4211	2.18	**4210**	**2.18**						
434.zeusmp	2494	3.65	2529	3.60	**2528**	**3.60**						
435.gromacs	2021	3.53	2024	3.53	**2023**	**3.53**						
436.cactusADM	**5425**	**2.20**	5425	2.20	5424	2.20						
437.leslie3d	2318	4.05	2320	4.05	**2319**	**4.05**						
444.namd	2070	3.87	2069	3.88	**2070**	**3.87**						
447.dealII	2611	4.38	**2610**	**4.38**	2609	4.38						
450.soplex	**3448**	**2.42**	3440	2.42	3534	2.36						
453.povray	1183	4.50	1188	4.48	**1187**	**4.48**						
454.calculix	2201	3.75	2216	3.72	**2216**	**3.72**						
459.GemsFDTD	2984	3.56	3045	3.48	**3001**	**3.54**						
465.tonto	2528	3.89	**2523**	**3.90**	2520	3.91						
470.lbm	4569	3.01	4567	3.01	**4568**	**3.01**						
481.wrf	2564	4.36	**2513**	**4.45**	2505	4.46						
482.sphinx3	2644	7.37	**2645**	**7.37**	2651	7.35						

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 in firmware
(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.

Tested with SPEC CPU2006 v89.
Report generated on Tue Jul 22 10:01:13 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 24 August 2006.