



SPEC[®] CFP2006 Result

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Sun Microsystems Ultra Enterprise 2

SPECfp[®]_rate2006 = --

SPECfp_rate_base2006 = 1.00

CPU2006 license: 6

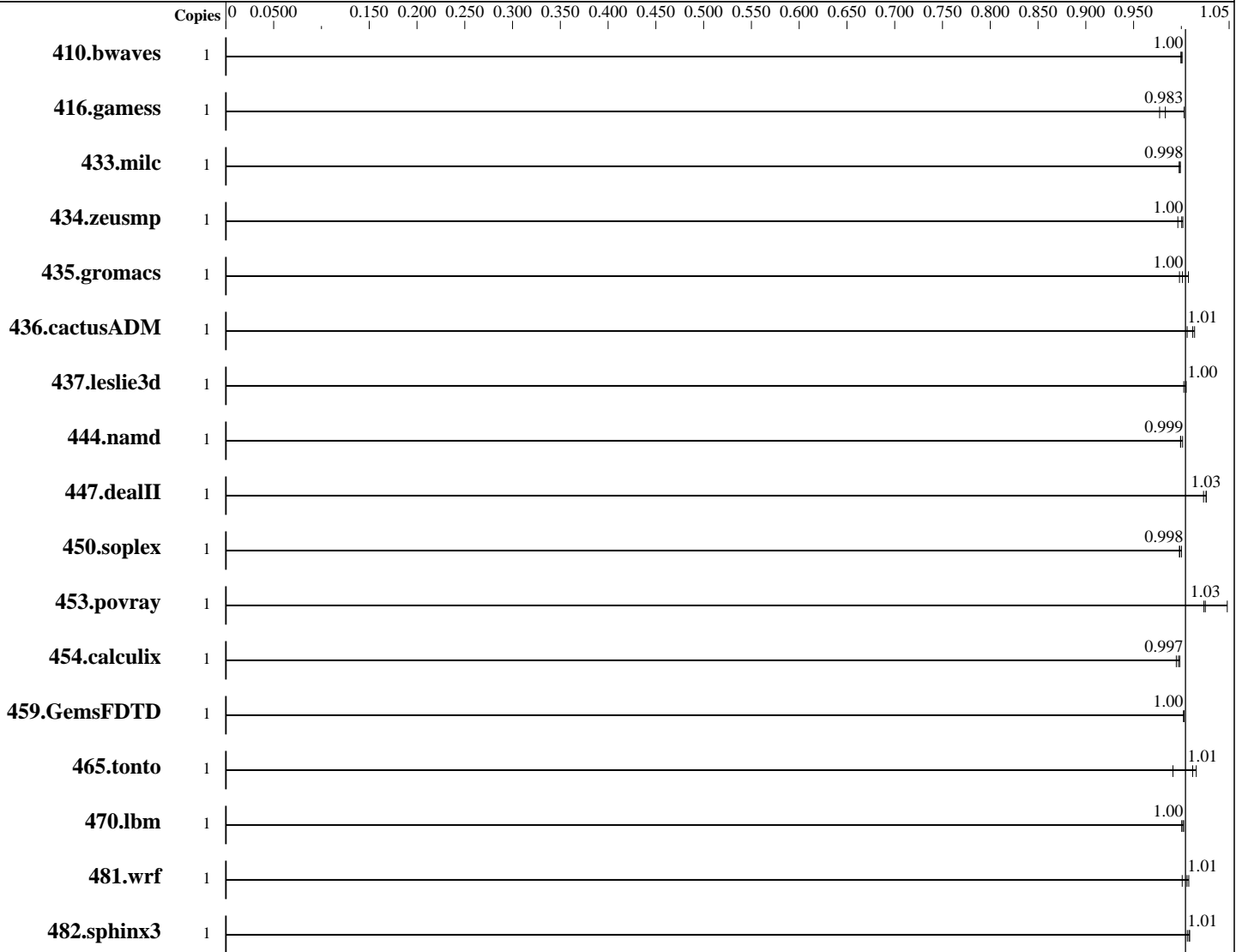
Test sponsor: Sun Microsystems

Tested by: Sun Microsystems

Test date: Mar-2006

Hardware Availability: Apr-1997

Software Availability: Oct-2005



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Hardware

CPU Name: UltraSPARC II
 CPU Characteristics:
 CPU MHz: 296
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1-2 chips
 Primary Cache: 16 KB I + 16 KB D on chip per chip
 Secondary Cache: 2 MB I+D off chip per chip

Continued on next page

Software

Operating System: Solaris 10 3/05
 Compiler: Sun Studio 11
 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
Disk Subsystem: 2x36GB 10K RPM SCSI (1 sys disk, 1 for SPEC)
Other Hardware: None

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	1	13579	1.00	13595	1.00	13592	1.00							
416.gamess	1	19914	0.983	19523	1.00	20036	0.977							
433.milc	1	9189	0.999	9200	0.998	9198	0.998							
434.zeusmp	1	9096	1.00	9086	1.00	9134	0.996							
435.gromacs	1	7132	1.00	7154	0.998	7088	1.01							
436.cactusADM	1	11787	1.01	11878	1.01	11809	1.01							
437.leslie3d	1	9353	1.01	9358	1.00	9376	1.00							
444.namd	1	8027	0.999	8026	0.999	8010	1.00							
447.dealII	1	11180	1.02	11151	1.03	11150	1.03							
450.soplex	1	8356	0.998	8355	0.998	8339	1.00							
453.povray	1	5190	1.03	5197	1.02	5076	1.05							
454.calculix	1	8264	0.998	8294	0.995	8275	0.997							
459.GemsFDTD	1	10585	1.00	10581	1.00	10583	1.00							
465.tonto	1	9689	1.02	9927	0.991	9725	1.01							
470.lbm	1	13736	1.00	13718	1.00	13707	1.00							
481.wrf	1	11160	1.00	11104	1.01	11084	1.01							
482.sphinx3	1	19335	1.01	19321	1.01	19368	1.01							

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

Although two CPUs were enabled during testing, the SPEC CPU2006 benchmarks used only 1 CPU.

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.

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