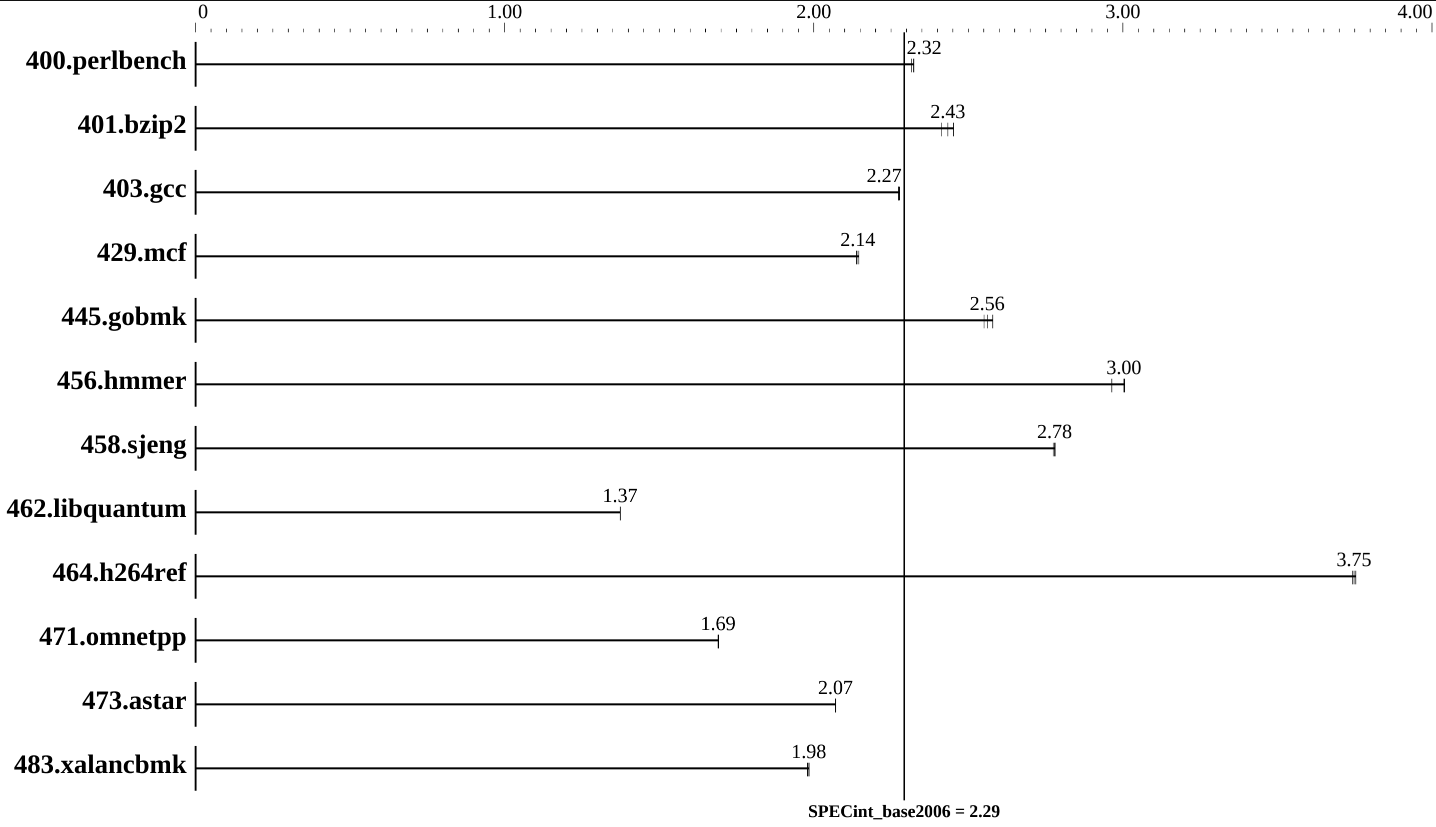
SPEC® CINT2006 Result

Sun Microsystems
Sun Fire 3800

SPECint®2006 = --

SPECint_base2006 = 2.29

CPU2006 license: 6		**Test date:**	Mar-2006
Test sponsor:	Sun Microsystems	**Hardware Availability:**	Mar-2001
Tested by:	Sun Microsystems	**Software Availability:**	May-2006



Hardware

CPU Name:	UltraSPARC III Cu
CPU Characteristics:	
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2,4,6,8 chips
Primary Cache:	32 KB I + 64 KB D on chip per chip
Secondary Cache:	8 MB I+D off chip per chip
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (8 x 256 MB DIMM, 4-way interleaved)
Disk Subsystem:	1x18GB 10,000RPM SCSI for SPEC 2x18GB 10,000RPM SCSI (RAID 1) for system
Other Hardware:	None

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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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4219	2.32	4204	2.32	**4205**	**2.32**						
401.bzip2	4000	2.41	**3965**	**2.43**	3936	2.45						
403.gcc	**3539**	**2.27**	3539	2.27	3535	2.28						
429.mcf	4266	2.14	**4256**	**2.14**	4250	2.15						
445.gobmk	4067	2.58	4112	2.55	**4095**	**2.56**						
456.hmmer	3104	3.01	3147	2.96	**3106**	**3.00**						
458.sjeng	4351	2.78	4361	2.77	**4354**	**2.78**						
462.libquantum	15086	1.37	15087	1.37	**15087**	**1.37**						
464.h264ref	5896	3.75	**5905**	**3.75**	5913	3.74						
471.omnetpp	**3697**	**1.69**	3695	1.69	3698	1.69						
473.astar	3391	2.07	3391	2.07	**3391**	**2.07**						
483.xalancbmk	3485	1.98	**3478**	**1.98**	3476	1.99						

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 by the system controller
(prior to boot)
```

Base Compiler Invocation

C benchmarks:
`cc`

C++ benchmarks:
`CC`

Base Portability Flags

400.perlbench: `-DSPEC_CPU_SOLARIS_SPARC`
403.gcc: `-DSPEC_CPU_SOLARIS`
462.libquantum: `-DSPEC_CPU_SOLARIS`
483.xalancbmk: `-DSPEC_CPU_SOLARIS`

Base Optimization Flags

C benchmarks:
`-g -fast -xpagesize=4M`

C++ benchmarks:
`-g0 -library=stlport4 -fast -xpagesize=4M`

Base Other Flags

C benchmarks:
`-V`

C++ benchmarks:
`-verbose=version`

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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