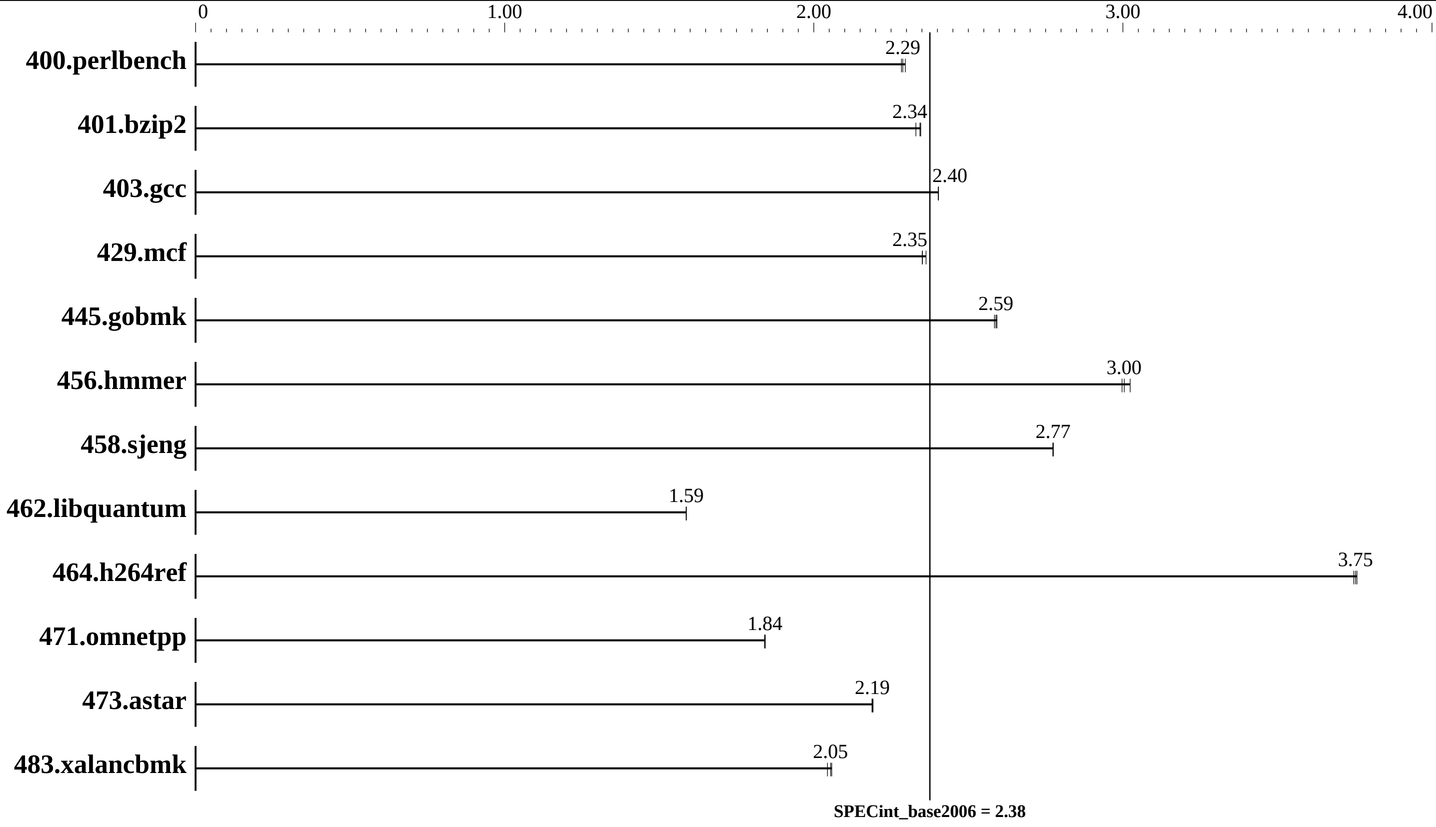
SPEC® CINT2006 Result

Sun Microsystems
Sun Fire 280R

SPECint®2006 = --

SPECint_base2006 = 2.38

CPU2006 license: 6		**Test date:**	Mar-2006
Test sponsor:	Sun Microsystems	**Hardware Availability:**	Sep-2000
Tested by:	Sun Microsystems	**Software Availability:**	May-2006



Hardware

CPU Name:	UltraSPARC III
CPU Characteristics:	
CPU MHz:	750
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
L3 Cache:	None
Other Cache:	None
Memory:	4 GB (2-way interleaved)
Disk Subsystem:	2x36GB 10,000RPM FC-AL (RAID 1)
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	4255	2.30	4278	2.28	**4270**	**2.29**						
401.bzip2	4113	2.35	**4118**	**2.34**	4141	2.33						
403.gcc	3350	2.40	3349	2.40	**3350**	**2.40**						
429.mcf	3859	2.36	3879	2.35	**3879**	**2.35**						
445.gobmk	**4051**	**2.59**	4059	2.58	4046	2.59						
456.hmmer	3086	3.02	**3106**	**3.00**	3113	3.00						
458.sjeng	4361	2.77	**4361**	**2.77**	4363	2.77						
462.libquantum	13055	1.59	**13053**	**1.59**	13052	1.59						
464.h264ref	5890	3.76	**5897**	**3.75**	5906	3.75						
471.omnetpp	3395	1.84	**3392**	**1.84**	3392	1.84						
473.astar	3208	2.19	**3206**	**2.19**	3203	2.19						
483.xalancbmk	**3359**	**2.05**	3353	2.06	3375	2.04						

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 firmware
(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

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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.

Tested with SPEC CPU2006 v89.
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