SPEC® CINT2006 Result

Sun Microsystems
Ultra Enterprise 2

SPECint®_rate2006 = --

SPECint_rate_base2006 = 1.00

CPU2006 license:	6	**Test date:**	Mar-2006
Test sponsor:	Sun Microsystems	**Hardware Availability:**	Apr-1997
Tested by:	Sun Microsystems	**Software Availability:**	Oct-2005

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
L3 Cache:	None
Other Cache:	None
Memory:	2 GB
Disk Subsystem:	2x36GB 10K RPM SCSI (1 sys disk, 1 for SPEC)
Other Hardware:	None

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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Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	1	9922	0.985	9734	1.00	**9766**	**1.00**							
401.bzip2	1	9656	0.999	**9644**	**1.00**	9644	1.00							
403.gcc	1	8059	0.999	**8058**	**0.999**	8023	1.00							
429.mcf	1	9358	0.975	**9306**	**0.980**	9303	0.980							
445.gobmk	1	10257	1.02	**10283**	**1.02**	10449	1.00							
456.hmmer	1	**9408**	**0.992**	9409	0.992	9338	0.999							
458.sjeng	1	11780	1.03	**11787**	**1.03**	12419	0.974							
462.libquantum	1	20708	1.00	20702	1.00	**20704**	**1.00**							
464.h264ref	1	**22015**	**1.01**	21925	1.01	22334	0.991							
471.omnetpp	1	6012	1.04	**6087**	**1.03**	6166	1.01							
473.astar	1	7032	0.998	7006	1.00	**7017**	**1.00**							
483.xalancbmk	1	6818	1.01	**6869**	**1.00**	6904	0.999							

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`

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.

Tested with SPEC CPU2006 v89.
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