SPEC CINT95 Results

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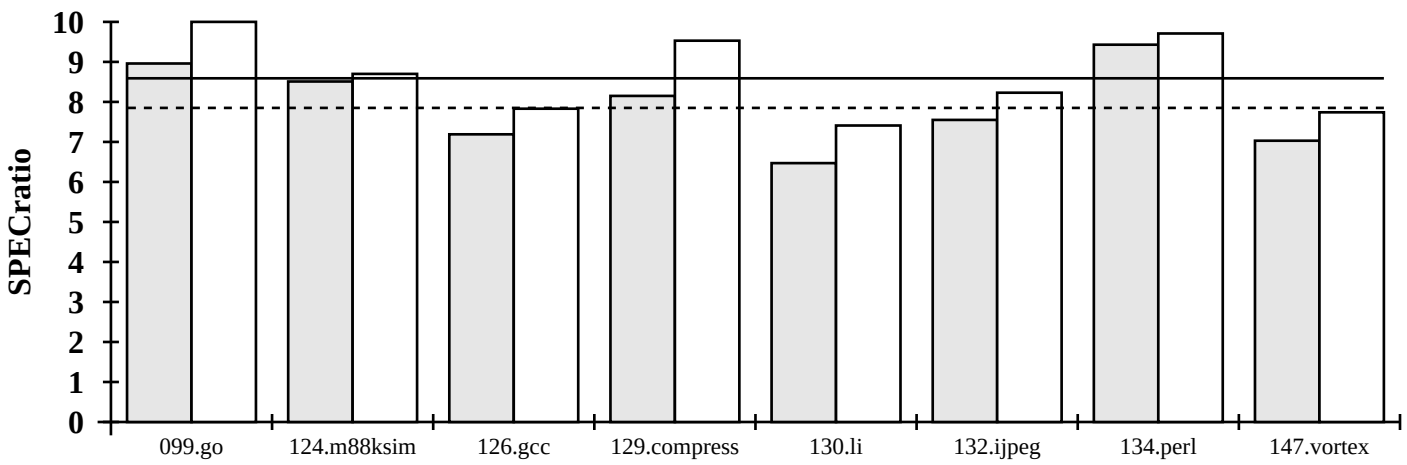
SGI origin200

SPECint95 = 8.59

SPECint_base95 = 7.85

SPEC license # 04	Tested By: SGI	Test Date: Nov-96	Hardware Avail: Nov-96	Software Avail: Nov-96



Hardware/Software Configuration for: origin200

Hardware

Model Name:	origin200
CPU:	180 MHz MIPS R10000 Processor Chip Revision: 2.6
FPU:	MIPS R10010 Floating Point Chip Revision: 0.0
Number of CPU(s):	4 (1 CPU used)
Primary Cache:	32KBI+32KBD
Secondary Cache:	1MB(I+D)
Other Cache:	None
Memory:	1024 MB
Disk Subsystem:	1 SCSI 4GB
Other Hardware:	None

Software

Operating System:	IRIX64 6.4
Compiler:	MipsPRO 7.1
	KAP
File System:	XFS
System State:	Multi-User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	513	8.96	460	10.00
124.m88ksim	1900	223	8.51	218	8.70
126.gcc	1700	237	7.19	217	7.83
129.compress	1800	221	8.15	189	9.53
130.li	1900	294	6.47	257	7.41
132.ijpeg	2400	318	7.55	291	8.23
134.perl	1900	202	9.43	196	9.71
147.vortex	2700	384	7.03	349	7.74
SPECint_base95 (G. Mean)			7.85		
		SPECint95 (G. Mean)			8.59

Notes/Tuning Information

```
Extra Linker Flag: -lMMmalloc -DUSG
Base Flags: -Ofast -Dalloca=__builtin_alloca
Peak Flags:
go: -n32 -O3 -mips4 -CG:if_conversion=off:ld_latency=5 -LNO:prefetch=1:pf2=OFF
.   -OPT:Olimit=0:unroll_times_max=3:unroll_analysis=off -fbgo.cfb
.   -IPA:alias=on:plimit=1000:small_pu=60:maxdepth=1
m88ksim: -O3 -n32 -mips4 -IPA:plimit=4000:small_pu=100 -OPT:Olimit=0 -fbm88ksim.cfb -DUSG -lMMmalloc -ipa
gcc: -Ofast -LNO:fusion=2 -CG:if_conversion=off:ld_latency=5 -fbcc1.cfb -cckr
.    -Dalloca=__builtin_alloca -DUSG -lMMmalloc -OPT:Olimit=2000 -IPA:clone=on
compress: -32 -mips2 -non_shared -O3 -Wm,-inline_all -sopt,-so=3,-r=3,-o=5,-inline
li:   -O3 -n32 -mips4 -OPT:alias=typed:Olimit=0 -IPA:space=70:min_freq=1:rela_freq=1 -fbli.cfb -lMMmalloc
ijpeg:  -O3 -n32 -mips4 -IPA -OPT:alias=restrict -IPA:depth=0 -CG:ld_latency=8 -DUSG -lMMmalloc -IPA:clone=on
perl: -O2 -n32 -mips4 -IPA -OPT:alias=typed:Olimit=0 -fbperl.cfb -lMMmalloc
vortex:  -Ofast -LNO:fusion=2:fission=2:prefetch=1:prefetch_ahead=2 -fbvortex.cfb -lMMmalloc -IPA:clone=on
```

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