SPEC CINT95rate Results

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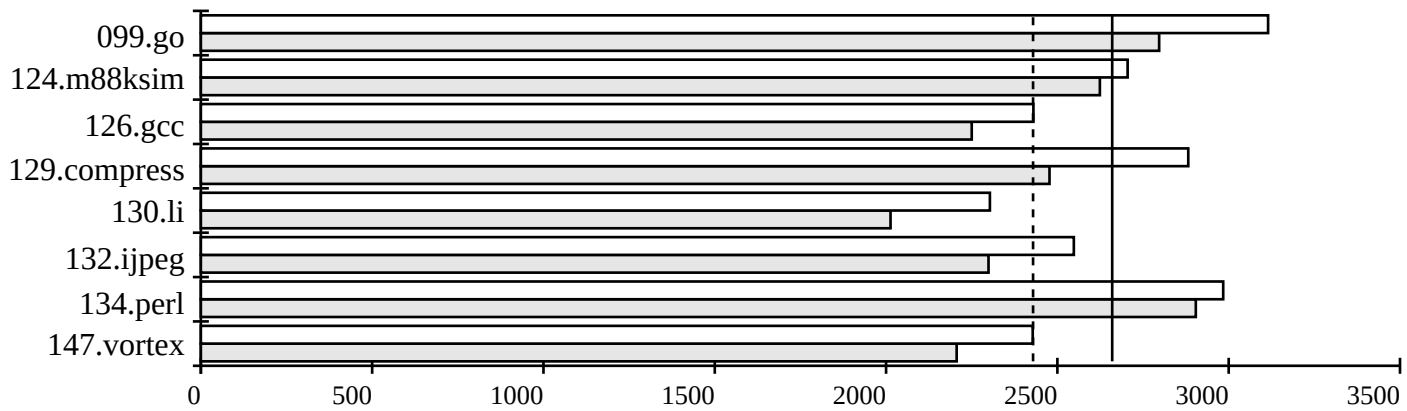
SGI origin2000

SPECint_rate95 = 2660

SPECint_rate_base95 = 2429

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



Hardware/Software Configuration for: origin2000

Hardware

Model Name:	origin2000
CPU:	195 MHz MIPS R10000 Processor Chip Revision: 2.6
FPU:	MIPS R10010 Floating Point Chip Revision: 0.0
Number of CPU(s):	32
Primary Cache:	32KBI+32KBD
Secondary Cache:	4MB(I+D)
Other Cache:	None
Memory:	1408 MB
Disk Subsystem:	4 SCSI 4GB, striped
Other Hardware:	None

Software

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

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	32	474	2797	32	425	3115
124.m88ksim	32	209	2624	32	202	2705
126.gcc	32	218	2250	32	201	2430
129.compress	32	209	2477	32	180	2882
130.li	32	272	2013	32	238	2303
132.ijpeg	32	301	2299	32	271	2548
134.perl	32	188	2904	32	183	2984
147.vortex	32	353	2206	32	320	2428
SPECint_rate_base95 (G. Mean)			2429			
SPECint_rate95 (G. Mean)						2660

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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