SPEC CINT95 Results

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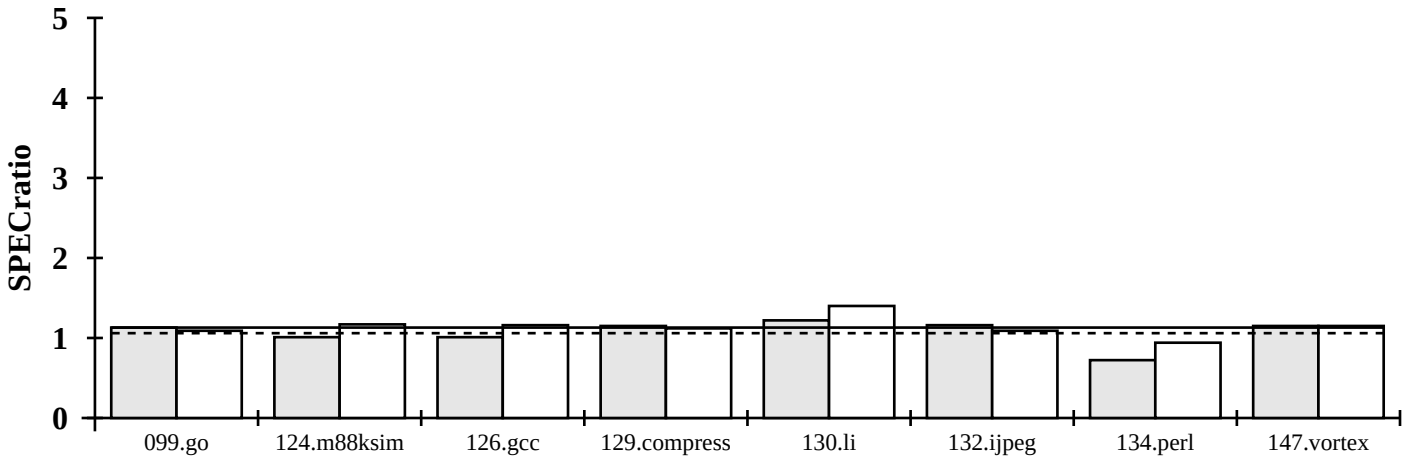
Sun Microsystems
SPARCstation/server 10 Model 40

SPECint95 = 1.13

SPECint_base95 = 1.06

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Feb-96	Hardware Avail: Apr-93	Software Avail: May-96



Hardware/Software Configuration for:
SPARCstation/server 10 Model 40

Hardware

Model Name:	SPARCstation/server 10 Model 40
CPU:	40MHz SuperSPARC I
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	20KBI+16KBD on chip
Secondary Cache:	None
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 x 1GB 1 x 424MB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.4
Compiler:	Sun C 4.2 alpha
File System:	UFS
System State:	Single User
Kernel Extensions:	

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	4065	1.13	4223	1.09
124.m88ksim	1900	1882	1.01	1629	1.17
126.gcc	1700	1689	1.01	1470	1.16
129.compress	1800	1559	1.15	1611	1.12
130.li	1900	1557	1.22	1356	1.40
132.ijpeg	2400	2070	1.16	2201	1.09
134.perl	1900	2629	0.723	2020	0.941
147.vortex	2700	2357	1.15	2355	1.15
SPECint_base95 (G. Mean)			1.06		
		SPECint95 (G. Mean)			1.13

Notes/Tuning Information

```
Baseline: -fast -xO5 -xprofile=use
Peak: COPT= -xarch=v8 -xchip=super -dn
099.go: -fast -xO4 ${COPT} -xcrossfile -xprofile=use
124.m88ksim: -fast -xO4 ${COPT}
126.gcc: -fast -xO4 -xdepend -fsimple=2 ${COPT} -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias ${COPT} -xprofile=use
130.li: -fast -xO5 -xsafe=mem -xcrossfile -xprofile=use
${COPT}
132.ijpeg: -fast -xO4 ${COPT}
134.perl: -fast -xO4 ${COPT}
147.vortex: -fast -xO4 ${COPT} -xprofile=use
Portability:
All: -Xc  124.m88ksim, 132.ijpeg: -DSYSV, 126.gcc:
```

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