SPEC CINT95 Results

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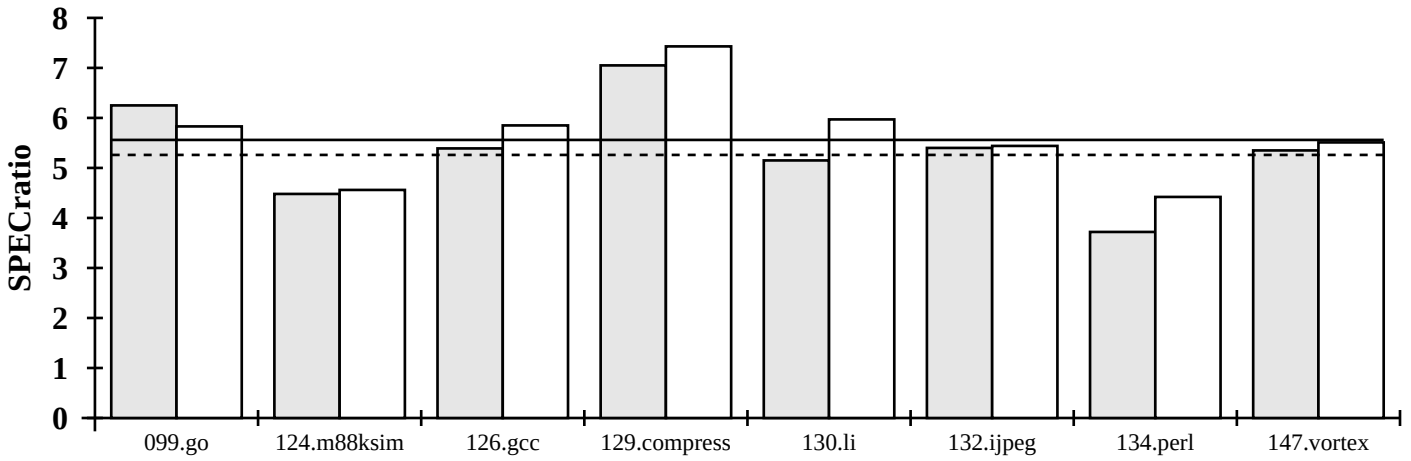
Sun Microsystems
Sun Ultra 1 Model 170

SPECint95 = 5.56

SPECint_base95 = 5.26

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Jan-96	Hardware Avail: Nov-95	Software Avail: May-96



Hardware/Software Configuration for:
Sun Ultra 1 Model 170

Hardware

Model Name:	Sun Ultra 1 Model 170
CPU:	167MHz UltraSPARC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	128MB
Disk Subsystem:	2 x 2GB
Other Hardware:	100BaseT

Software

Operating System:	Solaris 2.5.1
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	736	6.25	789	5.83
124.m88ksim	1900	425	4.48	416	4.56
126.gcc	1700	315	5.39	291	5.85
129.compress	1800	255	7.05	242	7.43
130.li	1900	369	5.15	318	5.97
132.ijpeg	2400	445	5.40	441	5.44
134.perl	1900	511	3.72	430	4.42
147.vortex	2700	504	5.35	490	5.51
SPECint_base95 (G. Mean)			5.26		
			SPECint95 (G. Mean)		5.56

Notes/Tuning Information

```
Baseline: -fast -xO5 -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: -fast -xO4 ${CULTRA} -xcrossfile -xprofile=use
124.m88ksim: -fast -xO4 ${CULTRA}
126.gcc: -fast -xO4 -xdepend -fsimple=2 ${CULTRA} -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias ${CULTRA} -xprofile=use
130.li: -fast -xO5 -xsafe=mem ${CULTRA} -xcrossfile -xprofile=use
-Wc,-Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7
132.ijpeg: -fast -xO4 ${CULTRA}
134.perl: -fast -xO4 ${CULTRA}
147.vortex: -fast -xO4 ${CULTRA}
Portability: 124.m88ksim, 132.ijpeg: -DSYSV, 126.gcc:
others: -Xc
```

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