SPEC CINT95 Results

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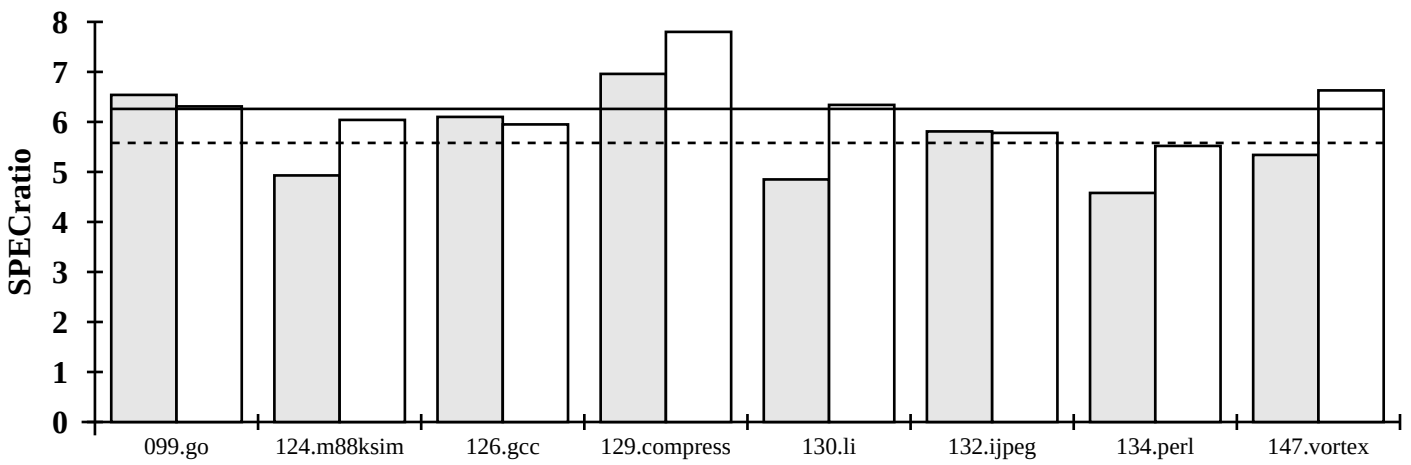
Sun Microsystems
Sun Ultra 1 Model 170

SPECint95 = 6.26

SPECint_base95 = 5.58

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: May-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:	Ethernet

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	704	6.54	728	6.31
124.m88ksim	1900	385	4.93	314	6.04
126.gcc	1700	279	6.10	286	5.95
129.compress	1800	259	6.96	231	7.80
130.li	1900	392	4.85	300	6.34
132.ijpeg	2400	413	5.81	415	5.78
134.perl	1900	414	4.58	344	5.52
147.vortex	2700	506	5.34	407	6.63
SPECint_base95 (G. Mean)			5.58		
		SPECint95 (G. Mean)			6.26

Notes/Tuning Information

```
Baseline: -fast -xO4 -xarch=v8plus -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
099.go: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -Wc,-Qpeep-Sb0,-Qpeep-Cl1 -xprofile=use
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -Wc,-Qiselect-sw_pf_tbl_th=20,-Qpeep-Ex:use_int64=1 -xprofile=use
126.gcc: -fast -xO4 -xdepend -fsimple=2 -W2,-O4+ansi_alias ${CULTRA} -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias -xarch=v8plus -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -W2,-O4+ansi_alias,-Mt350 -xprofile=use
132.ijpeg: -fast -xO4 ${CULTRA}
134.perl: -fast -xO4 ${CULTRA} -lfast
147: PASS1=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use
147: PASS2=-Wc,-Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7,-Qpeep-Sb0,-Qpeep-Cl1 -lfast
Portability: 124.m88ksim, 132.ijpeg: -DSYSV, 126.gcc: -Dalloca=__builtin_alloca
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
```

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