SPEC CINT95 Results

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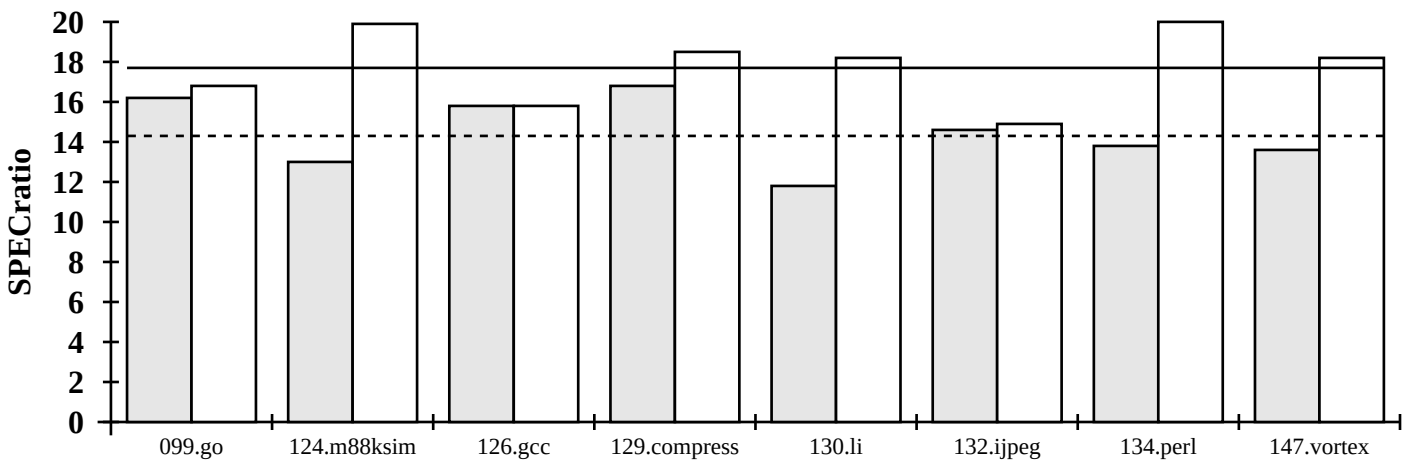
Sun Microsystems
Sun Enterprise 3500

SPECint95 = 17.7

SPECint_base95 = 14.3

SPEC license # 6	Tested By: Sun, Palo Alto	Test Date: Sep-98	Hardware Avail: Dec-98	Software Avail: Oct-98



Hardware/Software Configuration for:
Sun Enterprise 3500

Hardware

Model Name:	Sun Enterprise 3500
CPU:	400MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4096KB(I+D) off chip
Other Cache:	None
Memory:	1024MB
Disk Subsystem:	2 x 9GB
Other Hardware:	FastEthernet

Software

Operating System:	Solaris 2.7
Compiler:	Sun C 5.0
File System:	UFS
System State:	Multi-User
Kernel Extensions:	

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	284	16.2	274	16.8
124.m88ksim	1900	147	13.0	96	19.9
126.gcc	1700	108	15.8	107	15.8
129.compress	1800	107	16.8	97	18.5
130.li	1900	161	11.8	104	18.2
132.ijpeg	2400	165	14.6	161	14.9
134.perl	1900	138	13.8	95	20.0
147.vortex	2700	199	13.6	148	18.2
SPECint_base95 (G. Mean)			14.3		
		SPECint95 (G. Mean)			17.7

Notes/Tuning Information

```
Baseline: -fast -xO5 -xarch=v8plusa -xprofile=use
099.go: -fast -xO4 -xarch=v8plus -xrestrict -xcrossfile -W2,-O4+ansi_alias+bopt -xprofile=use
124.m88ksim: -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xrestrict
124 cont: -W2,-O4+cond_elim+pde,-Mt9000 -Wc,-Qiselect-sw_pf_tbl_th=20 -xprofile=use
126.gcc: -fast -xO4 -xarch=v8plus -W2,-O4+ansi_alias+cond_elim -xprofile=use
129.compress: -fast -xO4 -W2,-O4+ansi_alias+pde -xarch=v8plus -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile
130 PASS2 cont: -W2,-O4+ansi_alias+cond_elim+pde,-Mt350,-whole,-crit -xprofile=use
132.ijpeg: -fast -xO5 -xsafe=mem -xarch=v8plus -W2,-O4+ansi_alias+cond_elim -xprofile=use
134.perl: -fast -xO4 -xarch=v8plusa -xchip=ultra -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim
134 cont: Wc,-Qiselect-sw_pf_tbl_th=30 -xprofile=use -lfast
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
147: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use
147 PASS2 cont: -W2,-O4+cond_elim,-Mt500,-Mr6000,crit
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)uds.cfg 1.0 98/09/03
```

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