SPEC CINT95 Results

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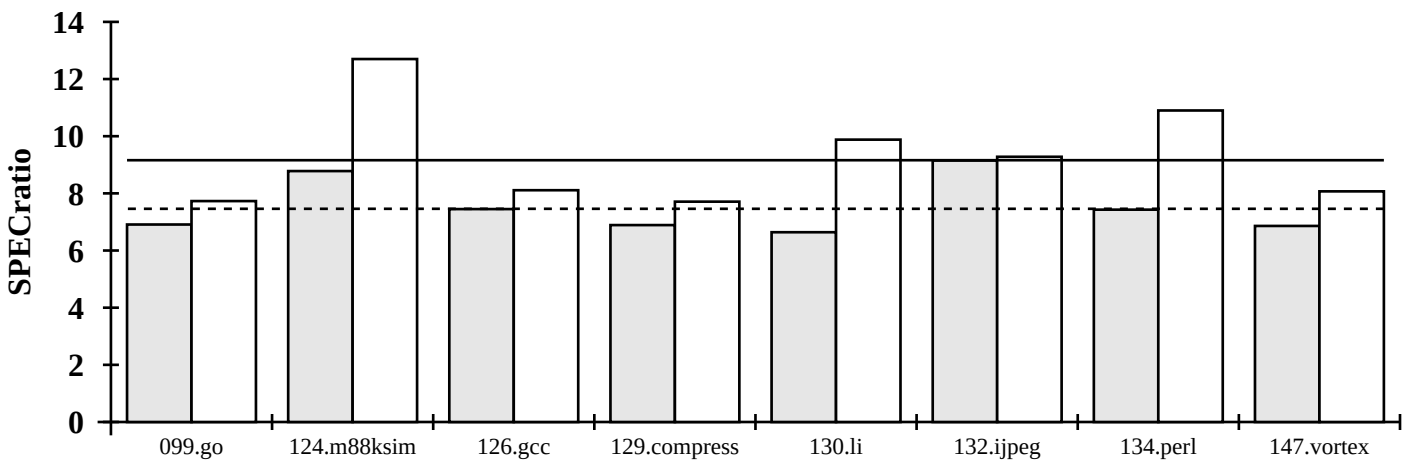
Sun Microsystems
Ultra 5 270MHz

SPECint95 = 9.16

SPECint_base95 = 7.46

SPEC license # 6	Tested By: Sun, Palo Alto	Test Date: Dec-97	Hardware Avail: Jan-98	Software Avail: May-98



Hardware/Software Configuration for:
Ultra 5 270MHz

Hardware

Model Name:	Ultra 5 270MHz
CPU:	270MHz UltraSPARC-IIi
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	256KB(I+D) off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1 x 4.01GB
Other Hardware:	Fast Ethernet
	System clock frequency: 90 MHz

Software

Operating System:	Solaris 2.5.1 HW 1197
Compiler:	Sun C SC5.0 EFT (4/98)
File System:	UFS
System State:	Single User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	666	6.91	595	7.73
124.m88ksim	1900	216	8.78	149	12.7
126.gcc	1700	228	7.45	210	8.11
129.compress	1800	261	6.89	234	7.71
130.li	1900	286	6.64	192	9.88
132.ijpeg	2400	262	9.15	259	9.28
134.perl	1900	256	7.43	175	10.9
147.vortex	2700	393	6.86	335	8.07
SPECint_base95 (G. Mean)			7.46		
		SPECint95 (G. Mean)			9.16

Notes/Tuning Information

```
Baseline: -fast -xO5 -xarch=v8plusa -xprofile=use
Peak: CULTRA= -xarch=v8plusa -xchip=ultra
099.go: -fast -xO5 -xsafe=mem -xrestrict -xarch=v8plus -W2,-O4+ansi_alias+bopt -xprofile=use
124.m88ksim: -fast -xO4 -xarch=v8plus -xcrossfile -xrestrict
124 cont: -W2,-O4+cond_elim+pde,-Mt9000 -xprofile=use
126.gcc: -fast -xO4 -xsafe=mem  -fsimple=2 -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 -xprofile=use
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim -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
Bodo Parady - SMCC Performance Development <Bodo.Parady@Eng.Sun.COM>
Tue Jan 27 16:31:18 1998
cpu95-980127-02356.sub
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