SPEC CINT95rate Results

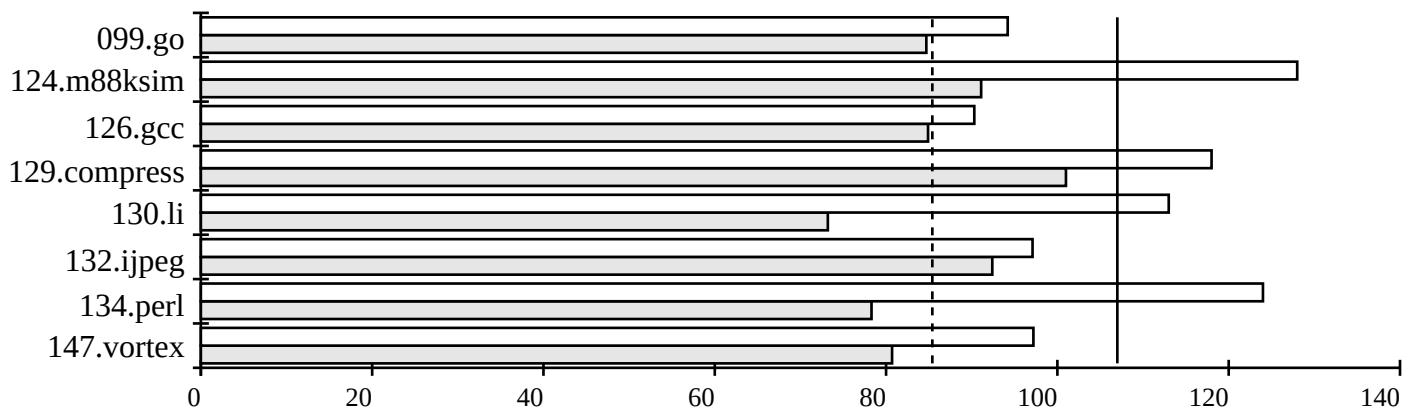
©Copyright 1995, Standard Performance Evaluation Corporation

Sun Microsystems
Ultra 10 300MHz

SPECint_rate95 = 107

SPECint_rate_base95 = 85.4

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



Hardware/Software Configuration for:
Ultra 10 300MHz

Hardware

Model Name:	Ultra 10 300MHz
CPU:	300MHz UltraSPARC-IIi
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	0.5MB(I+D) off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	2 x 4.01GB
Other Hardware:	Fast Ethernet
	System clock frequency: 100 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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	2	978	84.7	2	879	94.2
124.m88ksim	2	375	91.1	2	268	128
126.gcc	2	360	84.9	2	339	90.3
129.compress	2	320	101	2	274	118
130.li	2	467	73.2	2	302	113
132.ijpeg	2	468	92.4	2	445	97.1
134.perl	2	437	78.3	2	275	124
147.vortex	2	602	80.7	2	500	97.2
SPECint_rate_base95 (G. Mean)			85.4			
			SPECint_rate95 (G. Mean)			107

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 -dn
124.m88ksim: -fast -xO4 -xarch=v8plus -xcrossfile -xrestrict
124 cont: -W2,-O4+cond_elim+pde,-ldstr,-Mt8500 -xprofile=use -dn
126.gcc: -fast -xO4 -xsafe=mem  -fsimple=2 -W2,-O4+ansi_alias+cond_elim -xprofile=use
129.compress: -fast -xO5 -xsafe=mem -W2,-O4+ansi_alias+pde -xarch=v8plus -xprofile=use -dn
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 -dn
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 -dn
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 -dn
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>
Wed Jan 28 15:29:04 1998
cpu95-980128-02367.sub
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/