SPEC CINT95 Results

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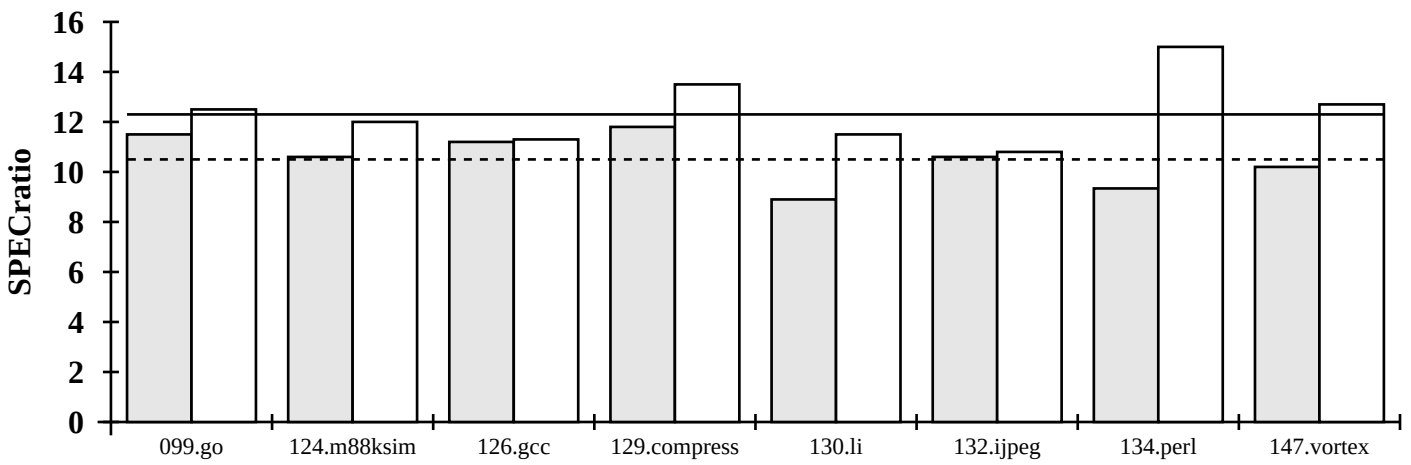
Sun Microsystems
Ultra 2 Creator (3D) Model 2300

SPECint95 = 12.3

SPECint_base95 = 10.5

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Apr-97	Hardware Avail: Apr-97	Software Avail: Oct-97



Hardware/Software Configuration for:
Ultra 2 Creator (3D) Model 2300

Hardware

Model Name:	Ultra 2 Creator (3D) Model 2300
CPU:	300MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	2MB(I+D) off chip
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1 x 2.1GB 1 x 2.1GB
Other Hardware:	Fast Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C SC5.0 EFT(10-97)
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	401	11.5	368	12.5
124.m88ksim	1900	179	10.6	159	12.0
126.gcc	1700	152	11.2	151	11.3
129.compress	1800	152	11.8	133	13.5
130.li	1900	214	8.90	166	11.5
132.ijpeg	2400	226	10.6	222	10.8
134.perl	1900	203	9.34	127	15.0
147.vortex	2700	265	10.2	213	12.7
SPECint_base95 (G. Mean)			10.5		
		SPECint95 (G. Mean)			12.3

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
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -W2,-O4+cond_elim,-ldstr
124 cont: -Wc,-Qiselect-sw_pf_tbl_th=20 -xprofile=use
126.gcc: -fast -xO4  -xdepend -fsimple=2
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
130 PASS2 cont: -W2,-O4+ansi_alias,-Mt350,-whole -xprofile=use
132.ijpeg: -fast -xO5 -xdepend -xsafe=mem  -xarch=v8plus
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim
134 cont: -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,-Mt350
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc:
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Environment Variables: # PARALLEL=2;export PARALLEL
Config Version @(#)ultra2x300_fast.cfg 1.0 97/04/02
Walter Bays <Walter.Bays@Eng.Sun.COM>
Wed Apr 30 14:58:28 1997
-- cpu95-970430-01846.sub
```

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