SPEC CINT95rate Results

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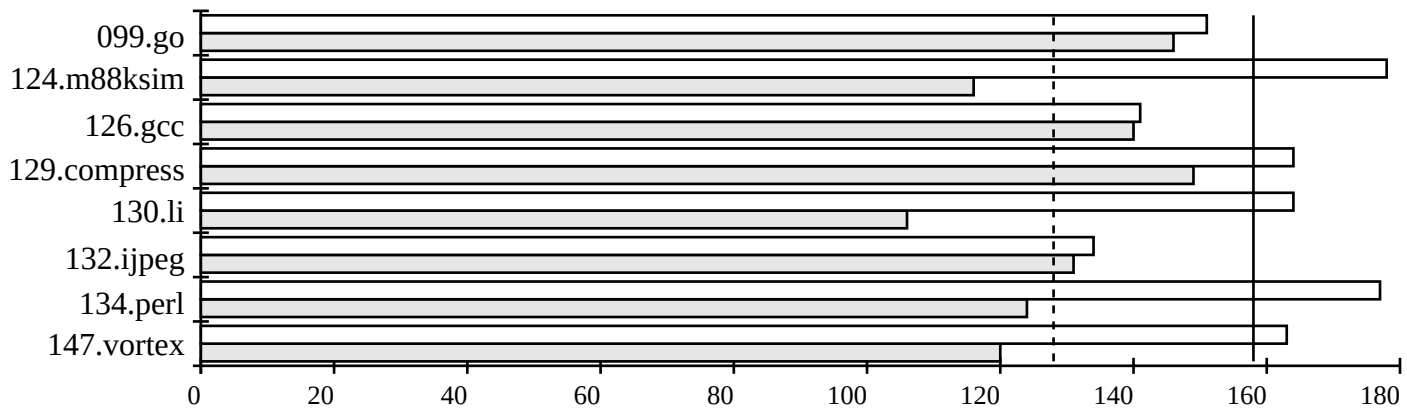
Sun Microsystems
Sun Enterprise 3500

SPECint_rate95 = 158

SPECint_rate_base95 = 128

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	284	146	1	274	151
124.m88ksim	1	147	116	1	96	178
126.gcc	1	110	140	1	108	141
129.compress	1	109	149	1	99	164
130.li	1	161	106	1	105	164
132.ijpeg	1	165	131	1	161	134
134.perl	1	138	124	1	97	177
147.vortex	1	202	120	1	149	163
SPECint_rate_base95 (G. Mean)			128			
				SPECint_rate95 (G. Mean)		158

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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-- Prepared By: --