SPEC CINT95rate Results

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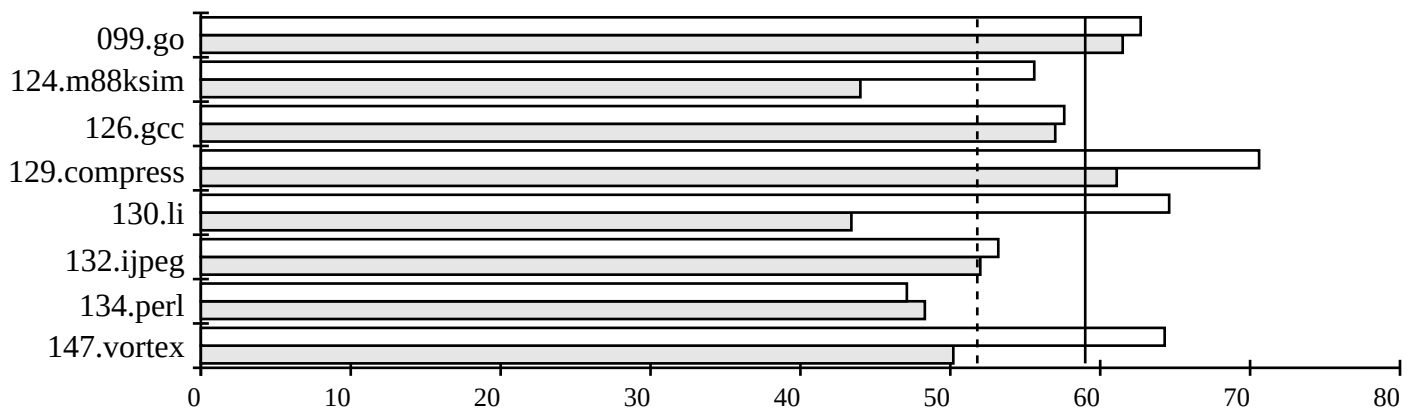
Sun Microsystems
Ultra Enterprise Model 3000/1

SPECint_rate95 = 59.0

SPECint_rate_base95 = 51.8

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Jul-96	Hardware Avail: Aug-96	Software Avail: May-96



Hardware/Software Configuration for:
Ultra Enterprise Model 3000/1

Hardware

Model Name:	Ultra Enterprise Model 3000/1
CPU:	167MHz UltraSPARC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	1024KB(I+D) off chip
Other Cache:	None
Memory:	1536MB
Disk Subsystem:	2 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun C 4.2 alpha
File System:	UFS
System State:	Single User
Kernel Extensions:	

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	673	61.5	1	661	62.7
124.m88ksim	1	389	44.0	1	308	55.6
126.gcc	1	269	57.0	1	266	57.6
129.compress	1	265	61.1	1	229	70.6
130.li	1	394	43.4	1	265	64.6
132.ijpeg	1	415	52.0	1	406	53.2
134.perl	1	354	48.3	1	363	47.1
147.vortex	1	484	50.2	1	378	64.3
SPECint_rate_base95 (G. Mean)			51.8			
SPECint_rate95 (G. Mean)						59.0

Notes/Tuning Information

```
Baseline: -fast -xarch=v8plus -xprofile=use -dn
Peak: CULTRA= -xarch=v8plusa -xchip=ultra -dn
099.go: -fast -xO5 -xarch=v8plus -xchip=ultra -xrestrict -xcrossfile -xprofile=use -xpad -lfast -lmvec
124.m88ksim: -fast -xO4 -xarch=v8plus -xrestrict -xcrossfile -Wc,-Qiselect-sw_pf_tbl_th=20,-Qpeep-Ex:use_int64=1 -xprofile=use
126.gcc: -fast -xO4 -xdepend -xarch=v8plus -xchip=ultra -xcrossfile -fsimple=2 -W2,-O4+ansi_alias ${CULTRA} -xprofile=use -xpad -lfast
129.compress: -fast -xO4 -xarch=v8plus -xcrossfile -W2,-O4+ansi_alias -xprofile=use
130.li: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect -lfast
130.li: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -W2,-O4+ansi_alias+pde,-Mt350 -xprofile=use -lfast
132.ijpeg: -fast -xarch=v8plus -xcrossfile -xprofile=use -xpad -lfast
134.perl: -fast -xarch=v8plus -xcrossfile -xprofile=use ${CULTRA} -lfast
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile -xprofile=collect
147.vortex: PASS2=-fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xprofile=use -W2,-Mr1500,-Mp1000
-Wc,-Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7,-Qpeep-Sb0,-Qpeep-Cl1 -lfast
Portability: 124.m88ksim, 132.ijpeg: -DSYSV, 126.gcc: -Dalloca=__builtin_alloca
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)alabama.cfg 1.0 96/06/13
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