SPEC CINT95rate Results

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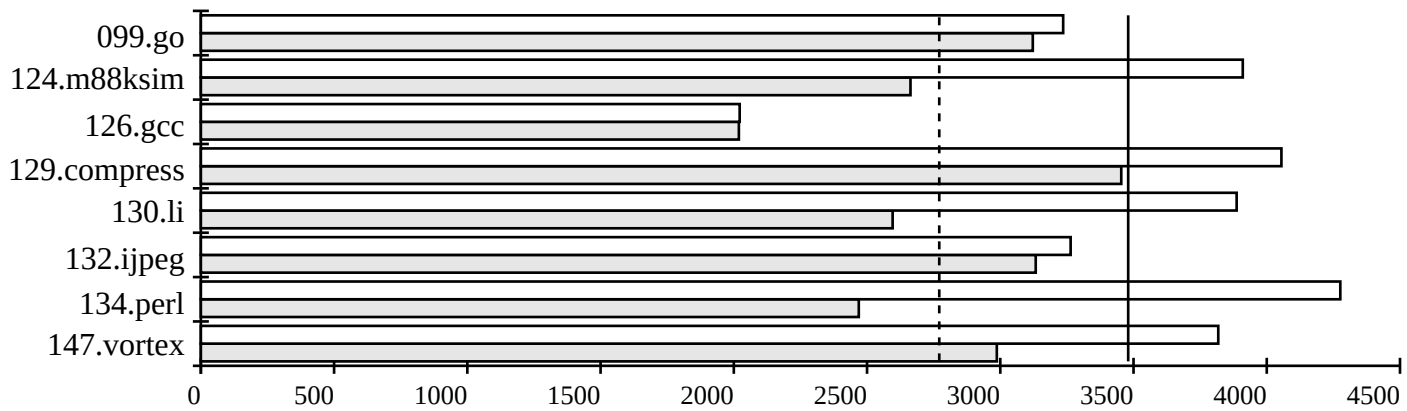
Sun Microsystems Inc.
Sun Enterprise 6000

SPECint_rate95 = 3480

SPECint_rate_base95 = 2771

SPEC license # 6	Tested By: Sun, Menlo Park	Test Date: Feb-98	Hardware Avail: Mar-98	Software Avail: Aug-98



Hardware/Software Configuration for:
Sun Enterprise 6000

Hardware

Model Name:	Sun Enterprise 6000/30
CPU:	336MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	30
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	8GB
Disk Subsystem:	4 x 4.2GB
Other Hardware:	Fast Ethernet

Software

Operating System:	Solaris 2.6
Compiler:	Sun C 5.0
File System:	UFS
System State:	Multiuser

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	30	398	3122	30	384	3236
124.m88ksim	30	193	2663	30	131	3910
126.gcc	30	227	2019	30	227	2022
129.compress	30	141	3454	30	120	4055
130.li	30	198	2596	30	132	3887
132.ijpeg	30	207	3133	30	199	3264
134.perl	30	208	2469	30	120	4276
147.vortex	30	244	2987	30	191	3818
SPECint_rate_base95 (G. Mean)			2771			
			SPECint_rate95 (G. Mean)			3480

Notes/Tuning Information

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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
Shell limits: # ulimit -n 1024  or % limit descriptors 1024
Config Version @(#)ultradarwin.cfg 1.2 97/01/30
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