SPEC CINT95rate Results

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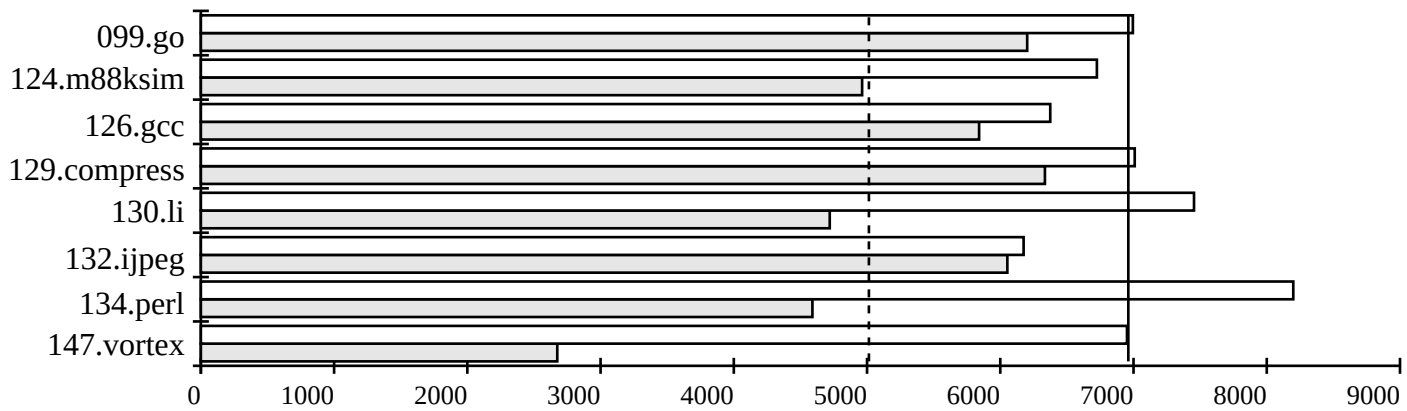
Sun Microsystems
Sun Enterprise 10000

SPECint_rate95 = 6961

SPECint_rate_base95 = 5014

SPEC license # 6	Tested By: Sun, Beaverton	Test Date: Apr-99	Hardware Avail: May-99	Software Avail: Mar-99



Hardware/Software Configuration for:
Sun Enterprise 10000

Hardware

Model Name:	Enterprise 10000
CPU:	400MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	48
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	8MB(I+D) off chip per CPU
Other Cache:	None
Memory:	64 GB
Disk Subsystem:	35 x 9.0GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 7
Compiler:	Sun C 5.0
File System:	UFS
System State:	Multiple User
Kernel Extensions:	

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	48	320	6202	48	284	6995
124.m88ksim	48	165	4963	48	122	6725
126.gcc	48	126	5841	48	115	6375
129.compress	48	123	6335	48	111	7009
130.li	48	174	4720	48	110	7454
132.ijpeg	48	171	6053	48	168	6175
134.perl	48	179	4590	48	100	8199
147.vortex	48	436	2675	48	168	6951
SPECint_rate_base95 (G. Mean)			5014			
			SPECint_rate95 (G. Mean)			6961

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
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-- Prepared By: --