SPEC CINT95rate Results

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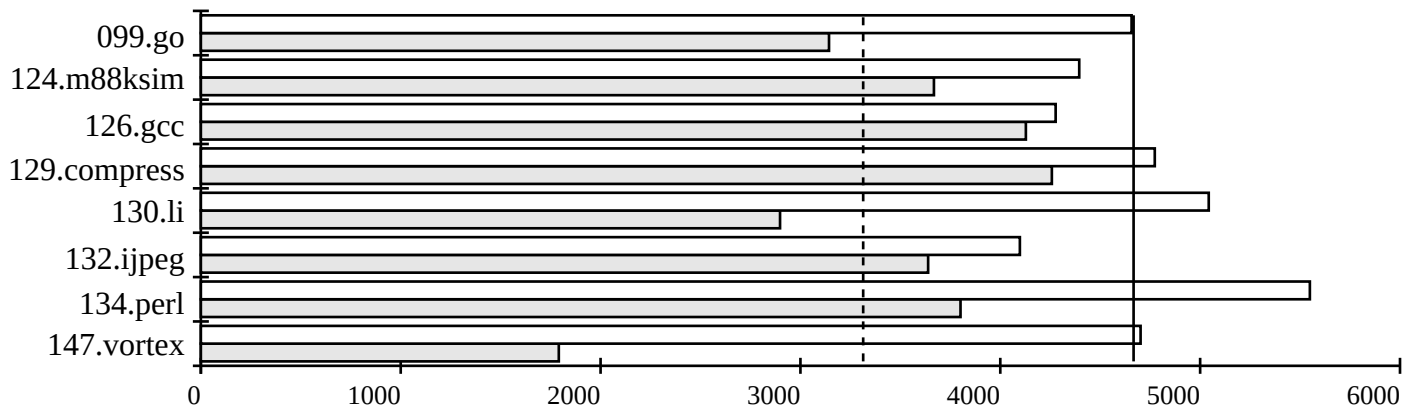
Sun Microsystems
Sun Enterprise 10000

SPECint_rate95 = 4667

SPECint_rate_base95 = 3314

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



SPECrate

Hardware/Software Configuration for:
Sun Enterprise 10000

Hardware

Model Name:	Enterprise 10000
CPU:	400MHz UltraSPARC II
FPU:	Integrated
Number of CPU(s):	32
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	32	422	3143	32	284	4657
124.m88ksim	32	149	3668	32	125	4395
126.gcc	32	119	4128	32	114	4277
129.compress	32	122	4258	32	109	4773
130.li	32	189	2898	32	109	5043
132.ijpeg	32	190	3639	32	169	4098
134.perl	32	144	3801	32	99	5549
147.vortex	32	434	1791	32	165	4702
SPECint_rate_base95 (G. Mean)			3314			
			SPECint_rate95 (G. Mean)			4667

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: --