SPEC CINT95 Results

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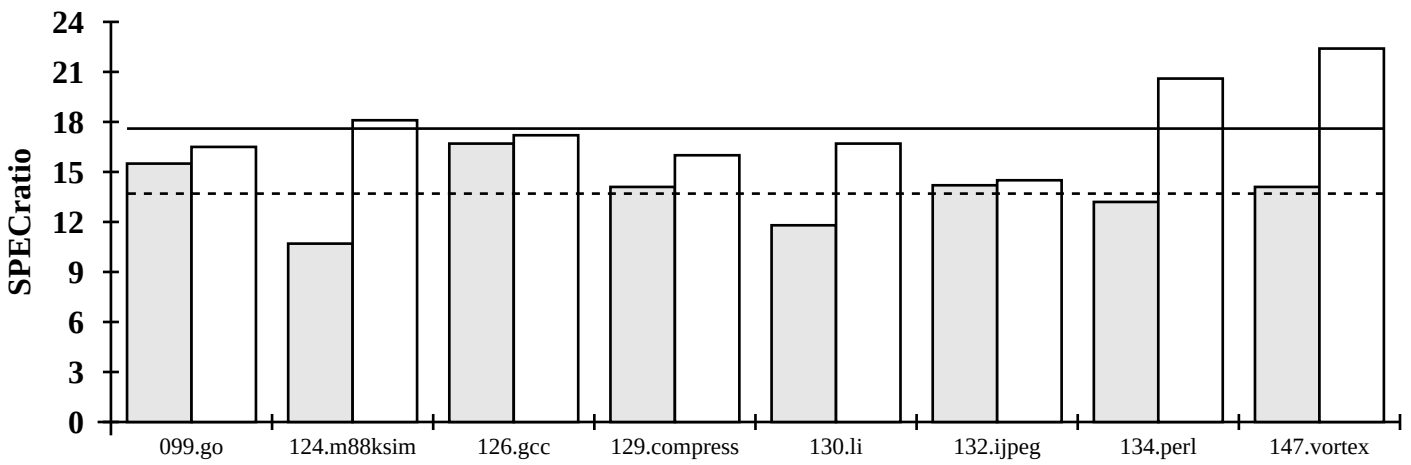
FUJITSU LIMITED
GP7000F Model600 275

SPECint95 = 17.6

SPECint_base95 = 13.7

SPEC license # 19	Tested By: FUJITSU LIMITED	Test Date: Jan-99	Hardware Avail: Dec-98	Software Avail: Dec-98



Hardware/Software Configuration for:
GP7000F Model600 275

Hardware

Model Name:	FUJITSU GP7000F Model600 275
CPU:	272MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	8.0MB(I+D) off chip
Other Cache:	None
Memory:	1024MB
Disk Subsystem:	2 x 9.0GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.6 HW:5/98
Compiler:	Sun C5.0 Early Access
File System:	UFS
System State:	Single User
Kernel Extensions:	set users_run_rmo=1, set consistent_coloring=1

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	296	15.5	278	16.5
124.m88ksim	1900	177	10.7	105	18.1
126.gcc	1700	102	16.7	99	17.2
129.compress	1800	128	14.1	113	16.0
130.li	1900	160	11.8	114	16.7
132.ijpeg	2400	169	14.2	166	14.5
134.perl	1900	143	13.2	92	20.6
147.vortex	2700	192	14.1	120	22.4
SPECint_base95 (G. Mean)			13.7		
		SPECint95 (G. Mean)			17.6

Notes/Tuning Information

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CULTRA= -xarch=v8plus -xcache=16/32/1:2048/64/1; MULX=-Wc,-Qiselect-imulx=1;
P1=-xprofile=collect:'pwd'/../feedback; P2=-xprofile=use:'pwd'/../feedback
Baseline: -xO4 ${MULX} -xarch=v8plus; PASS1=${P1}; PASS2=${P2}
099.go: -fast -xO5 -xsafe=mem -xrestrict -xarch=v8plus -W2,-O4+ansi_alias+cond_elim+bopt ${MULX} ${P2} -dn
124.m88ksim: -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xrestrict
124.m88ksim: -W2,-O4+cond_elim+bopt+pde,-ldstr,-Mt8500 ${MULX} ${P2} -dn
126.gcc: -fast -xO4 -xarch=v8plus -W2,-ANSI_S,-Mp1,-O4+ansi_alias+cond_elim+pde,-ldstr,-Mt500
126.gcc: -Wc,-Qiselect-sw_pf_tbl_th=30 ${MULX} -xsafe=mem ${P2}
129.compress: -fast -xO5 -xsafe=mem -xarch=v8plus -xrestrict
129.compress: -W2,-O4+ansi_alias+cond_elim+pde -Wc,-Qms_pipe+unoovf ${MULX} ${P2} -dn
130.li: PASS1= -fast -xO4 -xarch=v8plus -xcrossfile ${MULX} ${P2}
130.li: PASS2= -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile
130.li: -W2,-O4+ansi_alias+cond_elim+pde,-Mt350,-whole,-crit ${P2} -dn
132.ijpeg: -fast -xO5 -xsafe=mem  -xarch=v8plus -W2,-O4+ansi_alias+cond_elim ${MULX} ${P2} -dn
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-ANSI_S,-Mp1,-O4+cond_elim
134.perl: -Wc,-Qiselect-sw_pf_tbl_th=30 ${MULX} ${P2} -lfast -dn
147.vortex: PASS1= -fast -xO4 -xarch=v8plus -xcrossfile ${MULX} ${P2}
147.vortex: PASS2= -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile ${MULX} ${P2}
147.vortex: -W2,-O4+cond_elim,-Mt500,-Mr6000,-crit -dn
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc;
others: -Xc
Shell limits: # ulimit -n 1024  or % limit descriptors 1024;
Shell limits: # ulimit -s 81920  or % limit stacksize 81920;
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cpu95-19990201-03394.sub

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