SPEC CINT95 Results

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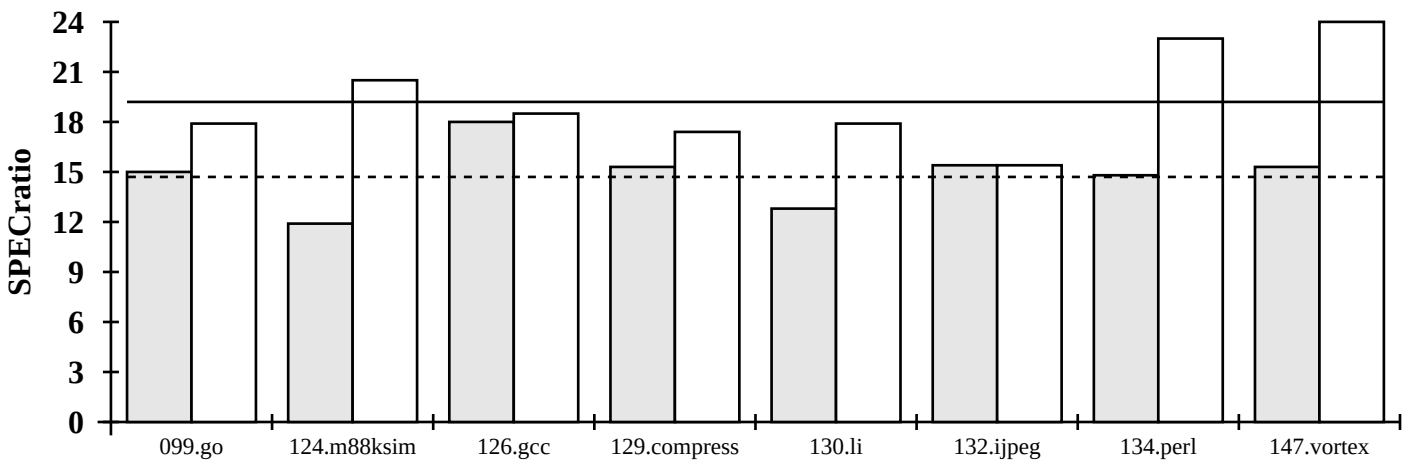
FUJITSU LIMITED
GP7000F Model600 300

SPECint95 = 19.2

SPECint_base95 = 14.7

SPEC license # 19	Tested By: FUJITSU LIMITED	Test Date: Apr-99	Hardware Avail: Aug-99	Software Avail: Mar-99



Hardware/Software Configuration for:
GP7000F Model600 300

Hardware

Model Name:	FUJITSU GP7000F Model600 300
CPU:	296MHz 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:	2048MB
Disk Subsystem:	2 x 9.0GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.6
Compiler:	Sun C5.0
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	307	15.0	256	17.9
124.m88ksim	1900	159	11.9	93	20.5
126.gcc	1700	94.4	18.0	92	18.5
129.compress	1800	118	15.3	103	17.4
130.li	1900	148	12.8	106	17.9
132.ijpeg	2400	156	15.4	155	15.4
134.perl	1900	128	14.8	83	23.0
147.vortex	2700	177	15.3	112	24.0
SPECint_base95 (G. Mean)			14.7		
		SPECint95 (G. Mean)			19.2

Notes/Tuning Information

```
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; ulimit -s 81920
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For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@spec.org
http://www.spec.org/

-- Prepared By: --