SPEC CINT95rate Results

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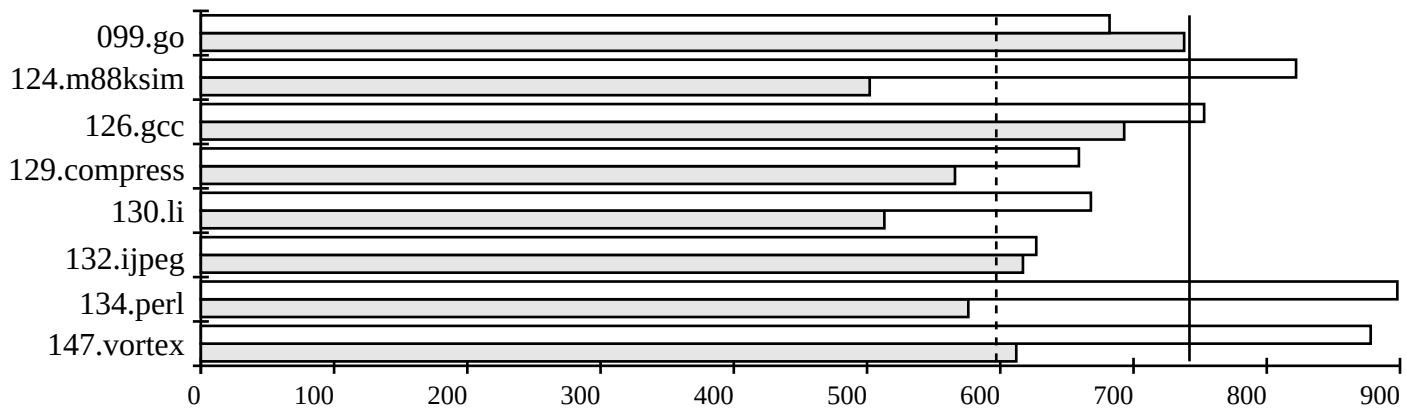
FUJITSU LIMITED
GP7000F Model600 250

SPECint_rate95	=	742
SPECint_rate_base95	=	597

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



Hardware/Software Configuration for:
GP7000F Model600 250

Hardware

Model Name:	FUJITSU GP7000F Model600 250
CPU:	248MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	6
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	4.0MB(I+D) off chip
Other Cache:	None
Memory:	4096MB
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 consistent_coloring=1

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	6	336	738	9	547	682
124.m88ksim	6	204	502	6	125	822
126.gcc	6	132	693	9	183	753
129.compress	6	172	566	6	147	659
130.li	6	200	513	6	154	668
132.ijpeg	6	210	617	6	207	627
134.perl	6	178	576	6	114	898
147.vortex	6	238	612	6	166	878
SPECint_rate_base95 (G. Mean)			597			
		SPECint_rate95 (G. Mean)				742

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
lbarnes@hal.com
Mon Feb  1 21:38:21 1999
cpu95-19990201-03404.sub
```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