SPEC CINT95rate Results

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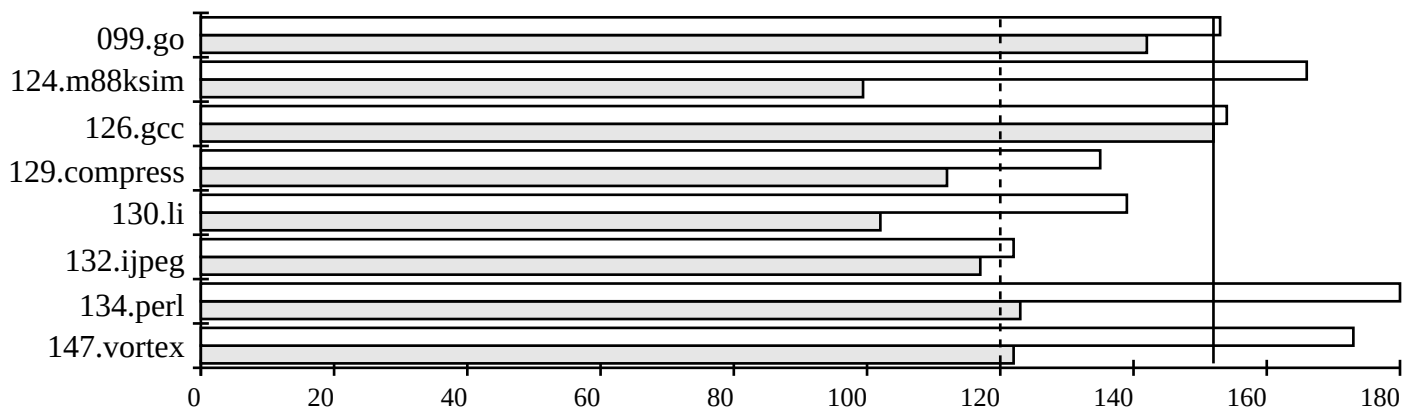
Fujitsu Limited
GP7000F Model 400 (300MHz)

SPECint_rate95 = 152

SPECint_rate_base95 = 120

SPEC license # 19 | Tested By: Fujitsu Limited | Test Date: Mar-2000 | Hardware Avail: Feb-2000 | Software Avail: Oct-1999



Hardware/Software Configuration for:
GP7000F Model 400 (300MHz)

Hardware

Model Name:	Fujitsu GP7000F Model 400
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:	4096MB
Disk Subsystem:	1 x 4.5GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 7 HW:8/99
Compiler:	SUN SC5.0
File System:	UFS
System State:	Multi 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	1	291	142	1	271	153
124.m88ksim	1	172	99.4	1	103	166
126.gcc	1	101	152	1	99	154
129.compress	1	144	112	1	120	135
130.li	1	167	102	1	123	139
132.ijpeg	1	185	117	1	178	122
134.perl	1	140	123	1	95	180
147.vortex	1	199	122	1	140	173
SPECint_rate_base95 (G. Mean)			120			
				SPECint_rate95 (G. Mean)		152

Notes/Tuning Information

```
USE_MULX= -Wc,-Qiselect-imulx=1
Base: -xO4 ${USE_MULX} -xarch=v8plus
PASS1= -xprofile=collect:‘pwd‘/../feedback
PASS2= -xprofile=use:‘pwd‘/../feedback
Peak:
CACHE= -xcache=64/64/4:8192/64/1
099.go: ${USE_MULX} -fast -xO5 -xrestrict -xarch=v8plus ${CACHE} -W2,-O4+ansi_alias+cond_elim+bopt -xprofile=use -dn
124.m88ksim: -fast -xO5 -xarch=v8plus -xcrossfile -xrestrict ${CACHE}
124.m88ksim: -W2,-O4+cond_elim+bopt+pde,-ldstr,-Mt8500 ${USE_MULX} -xprofile=use -dn
126.gcc: -fast -xO4 -xarch=v8plus ${CACHE} -W2,-ANSI_S,-Mp1,-O4+ansi_alias+cond_elim+pde,-ldstr,-Mt500
126.gcc: -Wc,-Qiselect-sw_pf_tbl_th=30 ${USE_MULX} -xprofile=use
129.compress: -fast -xO5 -xarch=v8plus -xrestrict ${CACHE} -W2,-O4+ansi_alias+cond_elim+pde -Vc,-Qms_pipe+unoovf
129.compress: ${USE_MULX} -xprofile=use -dn
130.li: PASS1=-fast -xO4 -xarch=v8plus ${USE_MULX} -xcrossfile -xprofile=collect
130.li: PASS2=-fast -xO5 -xarch=v8plus -xcrossfile ${CACHE} ${USE_MULX}
130.li: -W2,-O4+ansi_alias+cond_elim+pde,-Mt350,-whole,-crit -xprofile=use -dn
132.ijpeg: -fast -xO5 -xarch=v8plus ${CACHE} -W2,-O4+ansi_alias+cond_elim ${USE_MULX} -xprofile=use -dn
134.perl: -fast -xO4 -xarch=v8plus ${CACHE} -xcrossfile -W2,-Mp1,-ANSI_S,-O4+cond_elim
134.perl: -Wc,-Qiselect-sw_pf_tbl_th=30 ${USE_MULX} -xrestrict -xprofile=use -lfast -dn
147.vortex: PASS1=-fast -xO4 -xarch=v8plus -xcrossfile ${USE_MULX} -xprofile=collect
147.vortex: PASS2=-fast -xO5 -xarch=v8plus -xcrossfile ${CACHE} ${USE_MULX} -xprofile=use
147.vortex: -W2,-O4+cond_elim,-Mt500,-Mr6000,-crit -dn
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc
Shell limits: ulimit -n 1024; ulimit -s 81920;
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --