SPEC CINT95rate Results

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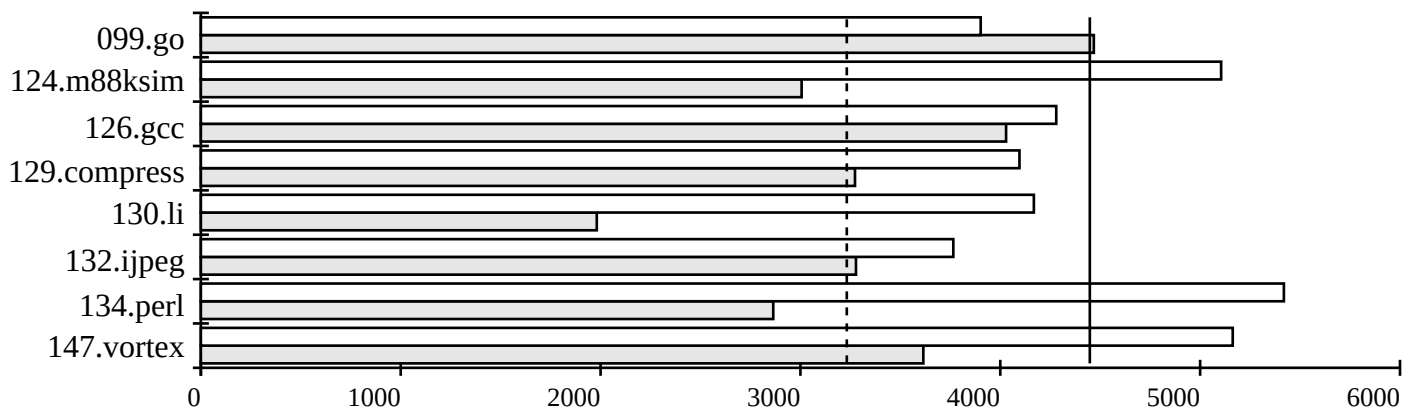
Fujitsu Siemens Computers GP7000F Model 1000 (300MHz)

SPECint_rate95 = 4448

SPECint_rate_base95 = 3232

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



SPECrate

Hardware/Software Configuration for:
GP7000F Model 1000 (300MHz)

Hardware

Model Name:	GP7000F Model 1000
CPU:	300MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	32
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	8.0MB(I+D) off chip, per cpu
Other Cache:	None
Memory:	32GB
Disk Subsystem:	1 x 9GB 10,000rpm 1 x GR700(20 x 9GB 10,000rpm)
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	32	296	4468	32	340	3902
124.m88ksim	32	182	3006	32	107	5105
126.gcc	32	122	4029	32	114	4280
129.compress	32	158	3273	32	127	4096
130.li	32	276	1981	32	131	4168
132.ijpeg	32	211	3278	32	184	3765
134.perl	32	191	2864	32	101	5419
147.vortex	32	215	3615	32	151	5163
SPECint_rate_base95 (G. Mean)			3232			
SPECint_rate95 (G. Mean)						4448

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: --