SPEC CFP95rate Results

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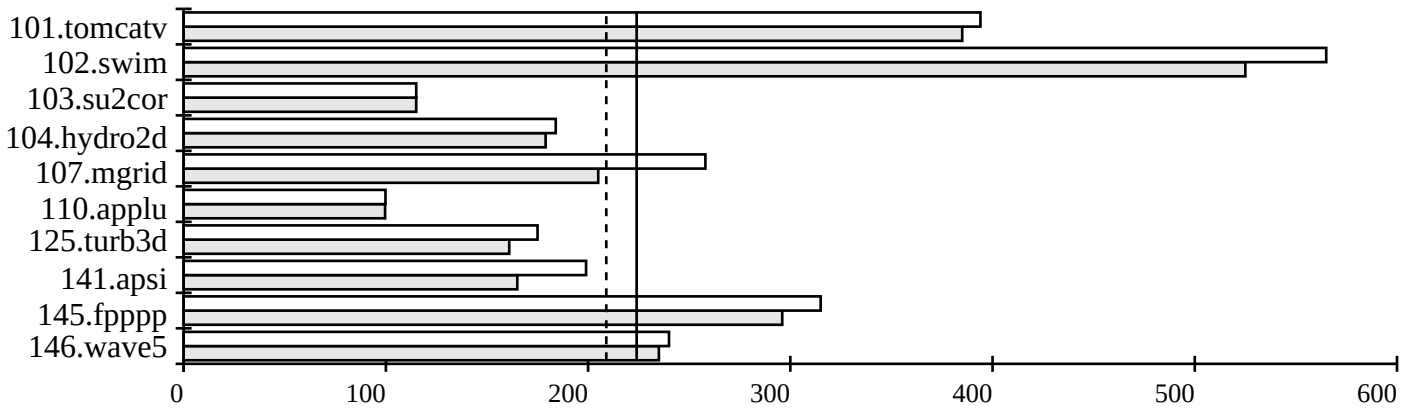
Fujitsu Siemens Computers GP7000F Model 400 (300MHz)

SPECfp_rate95	=	224
SPECfp_rate_base95	=	209

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:	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:	Fujitsu Fortran V4.0.2
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
101.tomcatv	1	86.4	385	1	85	394
102.swim	1	147	525	1	137	565
103.su2cor	1	109	115	1	110	115
104.hydro2d	1	121	179	1	117	184
107.mgrid	1	110	205	1	87	258
110.applu	1	199	99.6	1	198	99.8
125.turb3d	1	229	161	1	211	175
141.apsi	1	114	165	1	95	199
145.fpppp	1	292	296	1	274	315
146.wave5	1	115	235	1	112	240
SPECfp_rate_base95 (G. Mean)			209			
			SPECfp_rate95 (G. Mean)			224

Notes/Tuning Information

```
Baseline flags were: -Kfast,V8PFMADD,prefetch,gs
Nonbaseline: PEAKOPT = -X7 -Kfast,V8PFMADD,gs,prefetch  EXTRA_FFLAGS = -dn
101.tomcatv: ${PEAKOPT} -KGREG,eval
102.swim: ${PEAKOPT} -KGREG,preex -Koffset=140
103.su2cor: ${PEAKOPT}
104.hydro2d: ${PEAKOPT} -Keval
107.mgrid: ${PEAKOPT} -KGREG,commonpad,eval
110.applu: ${PEAKOPT} -KGREG
125.turb3d: ${PEAKOPT} -KGREG,commonpad,eval -Ksp=0 -x-
141.apsi: ${PEAKOPT} -KGREG,auto,preex,eval
145.fpppp: ${PEAKOPT} -Keval,nounroll,preex
146.wave5: ${PEAKOPT} -KGREG,auto,nofuse -x10
Shell limits: ulimit -n 1024; ulimit -s 81920;
```

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

-- Prepared By: --