SPEC CFP95rate Results

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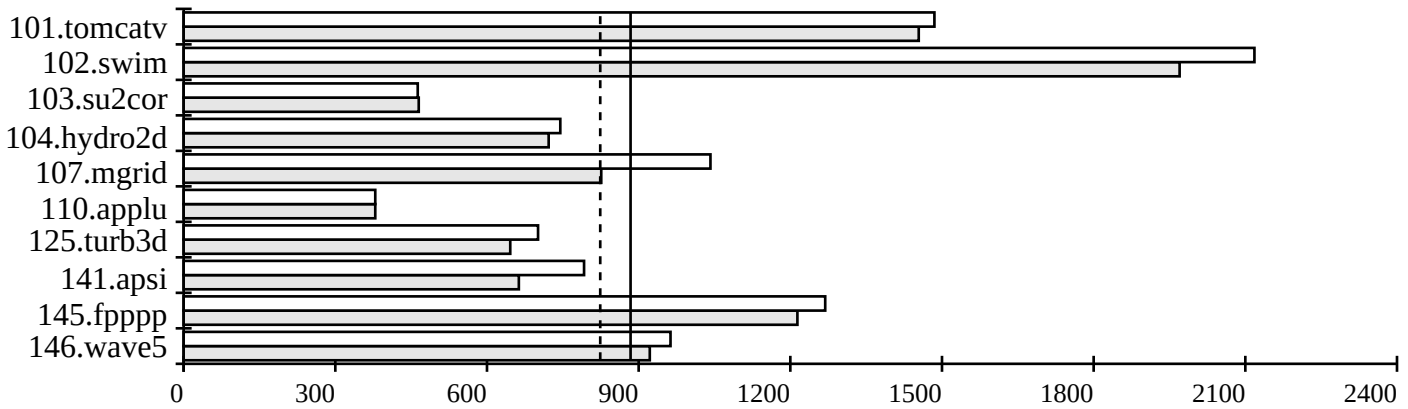
Fujitsu Siemens Computers GP7000F Model 400 (300MHz)

SPECfp_rate95	=	884
SPECfp_rate_base95	=	824

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):	4
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	8.0MB(I+D) off chip, per cpu
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	4	91.6	1454	4	90	1485
102.swim	4	157	1970	4	146	2118
103.su2cor	4	108	465	4	109	463
104.hydro2d	4	120	722	4	116	745
107.mgrid	4	109	826	4	86	1042
110.applu	4	209	379	4	209	379
125.turb3d	4	228	646	4	211	701
141.apsi	4	114	663	4	95	792
145.fpppp	4	285	1214	4	272	1269
146.wave5	4	117	922	4	112	963
SPECfp_rate_base95 (G. Mean)			824			
SPECfp_rate95 (G. Mean)						884

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/