SPEC CFP95rate Results

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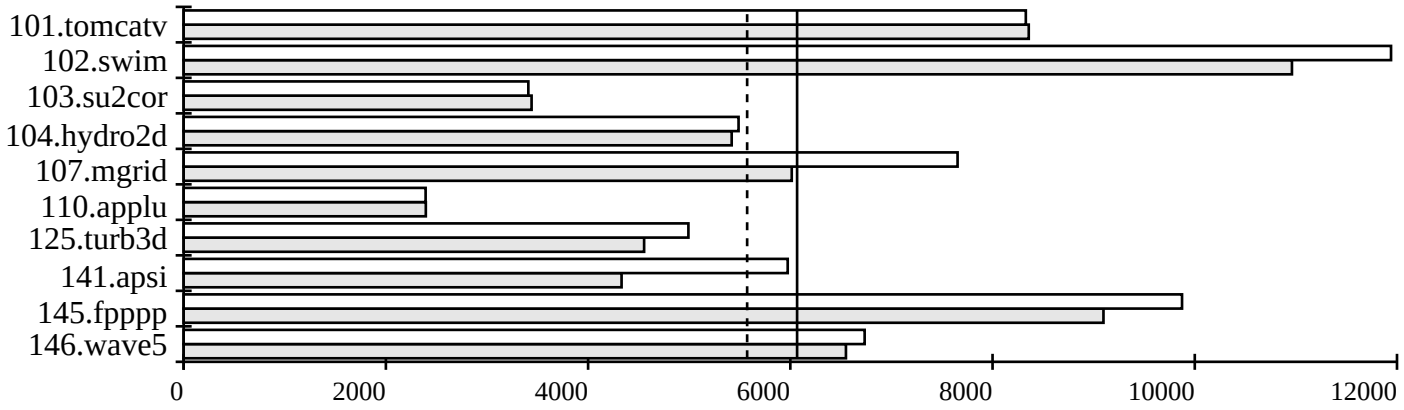
Fujitsu Siemens Computers GP7000F Model 1000 (300MHz)

SPECfp_rate95 = 6067

SPECfp_rate_base95 = 5573

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



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:	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	32	127	8358	32	128	8329
102.swim	32	226	10961	32	207	11941
103.su2cor	32	117	3441	32	118	3409
104.hydro2d	32	128	5420	32	126	5488
107.mgrid	32	120	6014	32	94	7654
110.applu	32	265	2395	32	265	2393
125.turb3d	32	259	4554	32	237	4992
141.apsi	32	140	4331	32	101	5974
145.fpppp	32	304	9097	32	280	9874
146.wave5	32	132	6550	32	128	6735
SPECfp_rate_base95 (G. Mean)			5573			
			SPECfp_rate95 (G. Mean)			6067

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: --