SPEC CFP95rate Results

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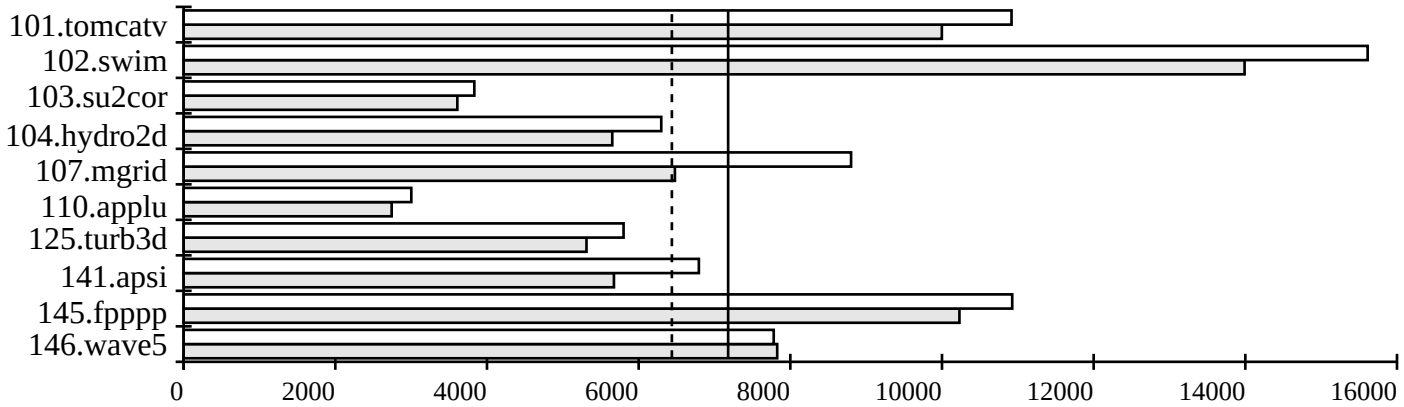
Fujitsu Siemens Computers GP7000F Model 2000 (330MHz)

SPECfp_rate95 = 7180

SPECfp_rate_base95 = 6438

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 2000 (330MHz)

Hardware

Model Name:	GP7000F Model 2000
CPU:	330MHz 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	107	9998	32	98	10917
102.swim	32	177	13990	32	159	15613
103.su2cor	32	112	3609	32	105	3833
104.hydro2d	32	122	5652	32	110	6298
107.mgrid	32	111	6478	32	82	8801
110.applu	32	231	2743	32	211	3002
125.turb3d	32	222	5312	32	204	5801
141.apsi	32	107	5674	32	89	6794
145.fpppp	32	270	10230	32	253	10926
146.wave5	32	110	7827	32	111	7781
SPECfp_rate_base95 (G. Mean)			6438			
SPECfp_rate95 (G. Mean)						7180

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/