SPEC CFP95rate Results

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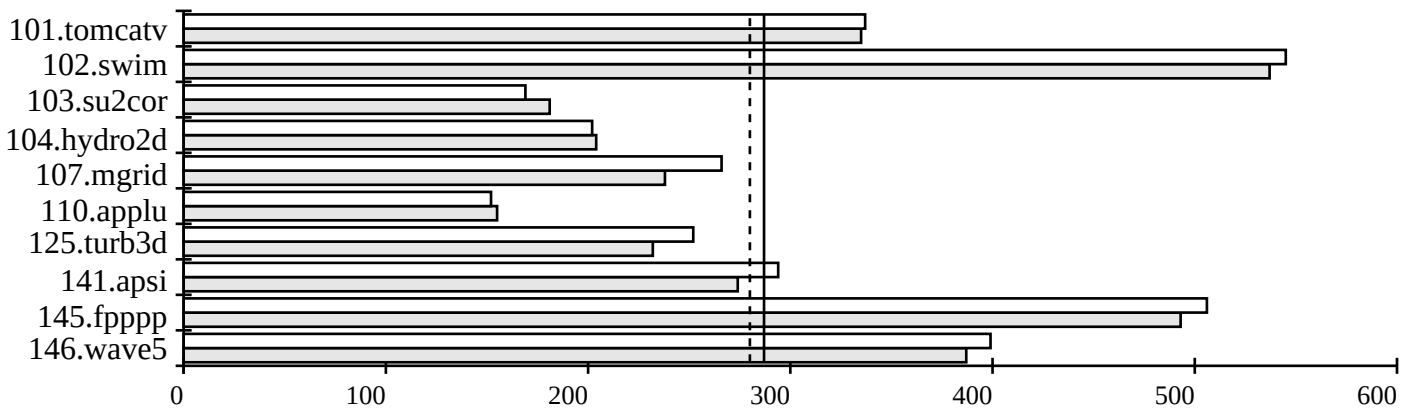
FUJITSU LIMITED
GP7000F Model200 250

SPECfp_rate95 = 287

SPECfp_rate_base95 = 280

SPEC license # 19	Tested By: FUJITSU LIMITED	Test Date: Dec-98	Hardware Avail: Dec-98	Software Avail: Feb-99



SPECrate

Hardware/Software Configuration for:
GP7000F Model200 250

Hardware

Model Name:	FUJITSU GP7000F Model200 250
CPU:	248MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	4.0MB(I+D) off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	2 x 4.0GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.6 HW:5/98
Compiler:	Fujitsu Fortran V4.0.1
File System:	UFS
System State:	Single 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	2	199	335	2	198	337
102.swim	2	288	537	2	284	545
103.su2cor	2	140	181	2	149	169
104.hydro2d	2	212	204	2	213	202
107.mgrid	2	189	238	2	169	266
110.applu	2	256	155	2	260	152
125.turb3d	2	318	232	2	292	252
141.apsi	2	138	274	2	129	294
145.fpppp	2	350	493	2	342	506
146.wave5	2	140	387	2	135	399
SPECfp_rate_base95 (G. Mean)			280			
			SPECfp_rate95 (G. Mean)			287

Notes/Tuning Information

```
Baseline flags were: -Kfast,V8PFMADD,prefetch,gs
Nonbaseline: PEAKOPT=-X7 -Kfast,V8PFMADD,GREG,gs,prefetch; EXTRA_FFLAGS=-dn
101: ${PEAKOPT} -Kpreex,eval
102: ${PEAKOPT} -Koffset=160 -Ksp=0
103: ${PEAKOPT} -Knofuse,eval -x-
104: ${PEAKOPT} -Kpreex,eval
107: ${PEAKOPT} -Kcommonpad,eval
110: ${PEAKOPT} -Kauto,preex,eval
125: ${PEAKOPT} -Kcommonpad,eval -Ksp=0 -x-
141: -X7 ${PEAKOPT} -Kauto,preex,eval
145: ${PEAKOPT} -Keval
146: ${PEAKOPT} -Kauto,nofuse -x10
Shell limits: ulimit -n 1024; ulimit -s 81920;
```

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-- Prepared By: --