SPEC CFP95rate Results

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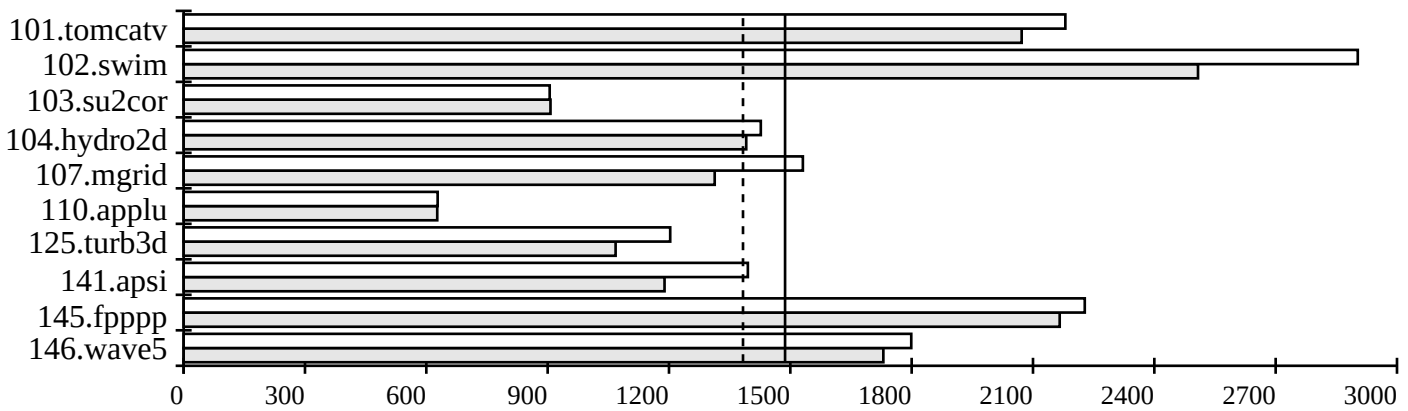
FUJITSU LIMITED
GP7000F Model600 275

SPECfp_rate95 = 1487

SPECfp_rate_base95 = 1383

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 Model600 275

Hardware

Model Name:	FUJITSU GP7000F Model600 275
CPU:	272MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	8
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	8.0MB(I+D) off chip
Other Cache:	None
Memory:	4096MB
Disk Subsystem:	2 x 9.0GB
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	8	129	2072	8	122	2180
102.swim	8	247	2508	8	213	2903
103.su2cor	8	111	907	8	111	905
104.hydro2d	8	124	1391	8	121	1427
107.mgrid	8	137	1313	8	118	1531
110.applu	8	253	627	8	252	628
125.turb3d	8	276	1068	8	245	1203
141.apsi	8	127	1189	8	108	1395
145.fpppp	8	319	2166	8	310	2228
146.wave5	8	125	1730	8	120	1799
SPECfp_rate_base95 (G. Mean)			1383			
SPECfp_rate95 (G. Mean)						1487

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: --