SPEC CFP95rate Results

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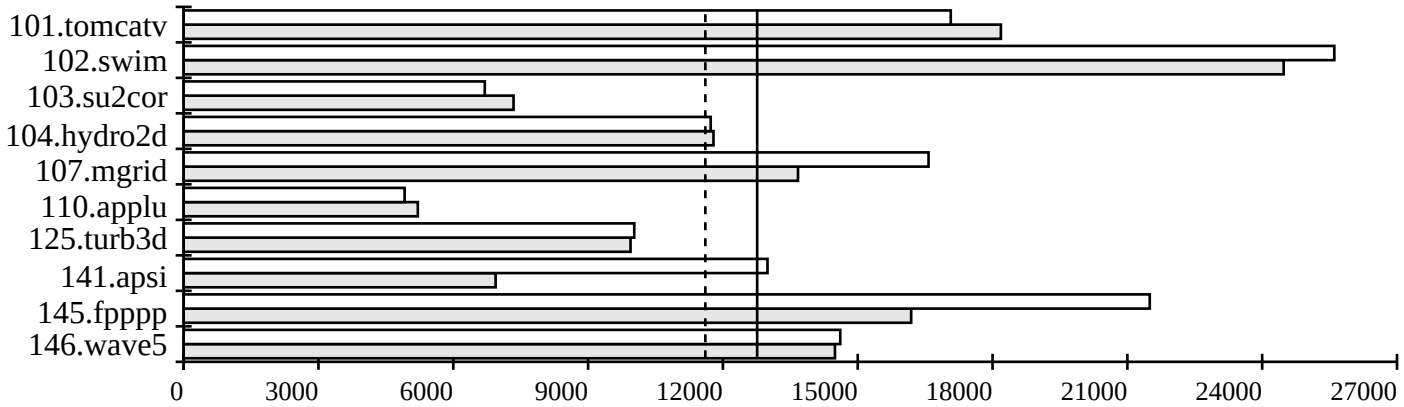
Fujitsu Limited
GP7000F Model 2000 (330MHz)

SPECfp_rate95 = 12762

SPECfp_rate_base95 = 11609

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



SPECrate

Hardware/Software Configuration for:
GP7000F Model 2000 (330MHz)

Hardware

Model Name:	Fujitsu GP7000F Model 2000
CPU:	330MHz SPARC64 GP
FPU:	Integrated
Number of CPU(s):	64
Primary Cache:	64KBI+64KBD on chip, 4way
Secondary Cache:	8.0MB(I+D) off chip, per cpu
Other Cache:	None
Memory:	64GB
Disk Subsystem:	1 x 9GB 10,000rpm 1 x 9GB 10,000rpm (OS)
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	64	117	18185	64	125	17070
102.swim	64	202	24478	64	193	25605
103.su2cor	64	110	7341	64	120	6701
104.hydro2d	64	117	11790	64	118	11728
107.mgrid	64	105	13671	64	87	16576
110.applu	64	243	5211	64	258	4917
125.turb3d	64	237	9944	64	236	10027
141.apsi	64	174	6942	64	93	12992
145.fpppp	64	342	16189	64	257	21498
146.wave5	64	119	14493	64	118	14611
SPECfp_rate_base95 (G. Mean)			11609			
			SPECfp_rate95 (G. Mean)			12762

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/