SPEC CFP95 Results

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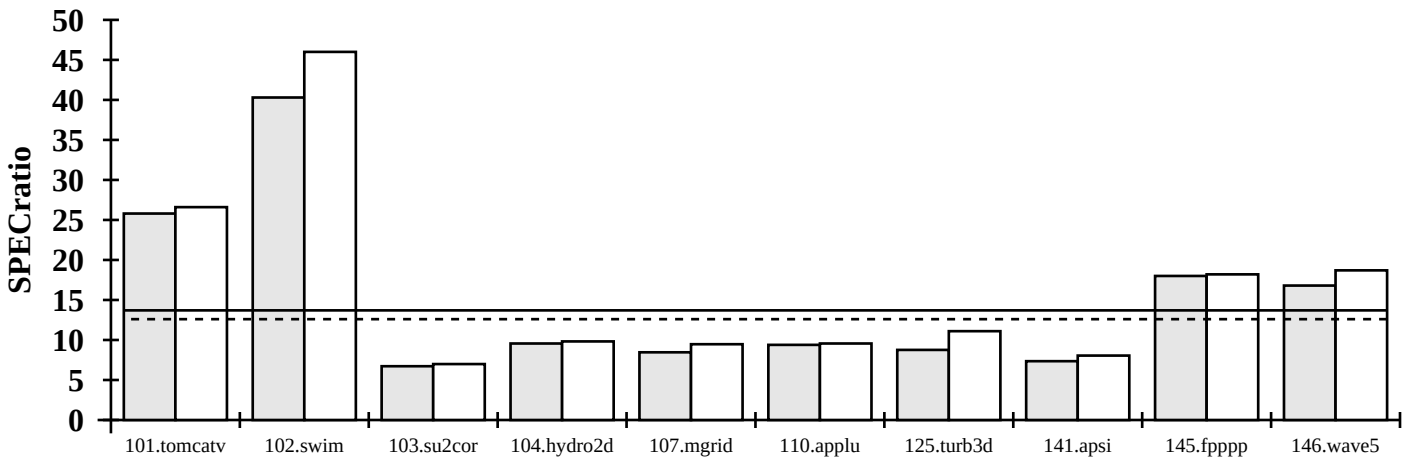
HAL Computer Systems
Fujitsu HALstation 300

SPECfp95 = 13.7

SPECfp_base95 = 12.6

SPEC license # 27	Tested By: HAL Computer Systems	Test Date: Apr-97	Hardware Avail: Nov-96	Software Avail: Oct-97



Hardware/Software Configuration for:
Fujitsu HALstation 300

Hardware

Model Name:	375
CPU:	141 MHz SPARC64
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	128KBI,128KBD on chip
Secondary Cache:	None
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 x 2GB 1 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	SPARC64/OS 2.4
Compiler:	Fujitsu Fortran90 V3.01
File System:	UFS
System State:	Multiple User
Kernel Extensions:	none

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	143	25.8	139	26.6
102.swim	8600	213	40.3	187	46.0
103.su2cor	1400	208	6.72	200	6.99
104.hydro2d	2400	251	9.56	244	9.82
107.mgrid	2500	295	8.46	264	9.47
110.applu	2200	234	9.39	230	9.56
125.turb3d	4100	468	8.76	371	11.1
141.apsi	2100	286	7.35	261	8.05
145.fpppp	9600	532	18.0	527	18.2
146.wave5	3000	179	16.8	160	18.7
SPECfp_base95 (G. Mean)			12.6		
			SPECfp95 (G. Mean)		13.7

Notes/Tuning Information

```
Baseline flags were: -Kfast -KV8PLUS -Kgs -Kprefetch
Nonbaseline flags were: ALL -dn -Kfast,GREG,eval,V8PLUS
101: -Kgs -Kprefetch -Kunroll=5
102: -Kgs -Kprefetch -Kpreex -Kunroll=5 -Koffset=144
103: -Kprefetch -Kpreex -Kunroll=6 -Klibmil -x-
104: -Kgs -Kprefetch -x-
107: -Kgs -Kprefetch -Kpreex -Knosp
110: -Kgs -Kprefetch -Knosp
125: -Kgs -Kpreex -x-
141: -Kgs -Kprefetch -Knofuse -Kauto -Klibmil
145: -Kgs -Kprefetch -Kpreex -Knosp -Klibmil
146: -Kgs -Kprefetch -Knofuse -Knosp -Kauto -Klibmil -x-
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/

-- Prepared By: rsl