SPEC CFP95 Results

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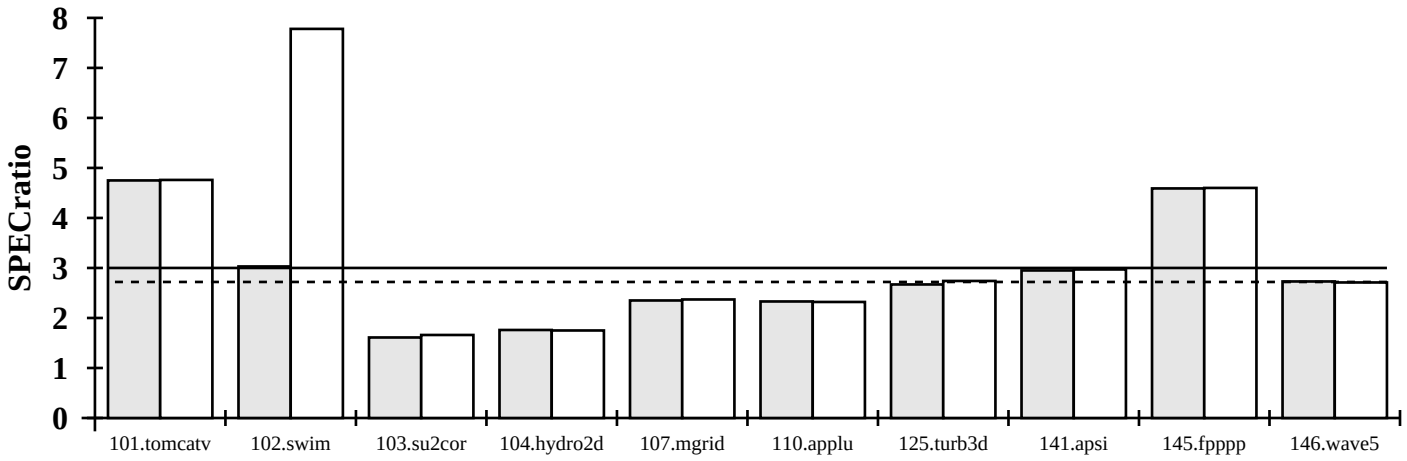
Sun Microsystems
SPARCstation 5 Model 170

SPECfp95 = 3.00

SPECfp_base95 = 2.72

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Apr-97	Hardware Avail: Jan-97	Software Avail: Feb-97



Hardware/Software Configuration for:
SPARCstation 5 Model 170

Hardware

Model Name:	SPARCstation 5 Model 170
CPU:	170MHz TurboSPARC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 x 2.1GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun f77 4.2
File System:	UFS
System State:	Single User
Kernel Extensions:	

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	780	4.75	777	4.76
102.swim	8600	2836	3.03	1105	7.78
103.su2cor	1400	870	1.61	846	1.66
104.hydro2d	2400	1364	1.76	1369	1.75
107.mgrid	2500	1064	2.35	1056	2.37
110.applu	2200	944	2.33	947	2.32
125.turb3d	4100	1535	2.67	1496	2.74
141.apsi	2100	711	2.95	708	2.97
145.fpppp	9600	2092	4.59	2086	4.60
146.wave5	3000	1097	2.73	1108	2.71
SPECfp_base95 (G. Mean)			2.72		
		SPECfp95 (G. Mean)			3.00

Notes/Tuning Information

```
Baseline: -fast -xO4 -xdepend -xarch=v8
Peak: FOPT= -xarch=v8 -xchip=micro2
101.tomcatv: -fast -xO4 -xdepend ${FOPT} -xpad=local -xpad=common -xprofile=use
102.swim: -fast -xO4 -xdepend ${FOPT} -xpad=local -xpad=common:7000 -dn -xprofile=use
103.su2cor: -fast -xO5 -xdepend -xsafe=mem ${FOPT} -xprofile=use
104.hydro2d: -fast -xO4 -xdepend ${FOPT}
107.mgrid: -fast -xO4 -xdepend
110.applu: -fast -xO5 -xdepend ${FOPT} -dn -xprofile=use
125.turb3d: -fast -xO5 -xdepend -xsafe=mem -dn ${FOPT} -xpad=local -xpad=common -xprofile=use
141.apsi: -fast -xO4 -xdepend ${FOPT} -dn -xprofile=use
145.fpppp: -fast -xO5 -xdepend -xsafe=mem ${FOPT} -dn -xprofile=use
146.wave5: -fast -xO4 -xdepend ${FOPT} -xprofile=use
```

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