SPEC CFP95 Results

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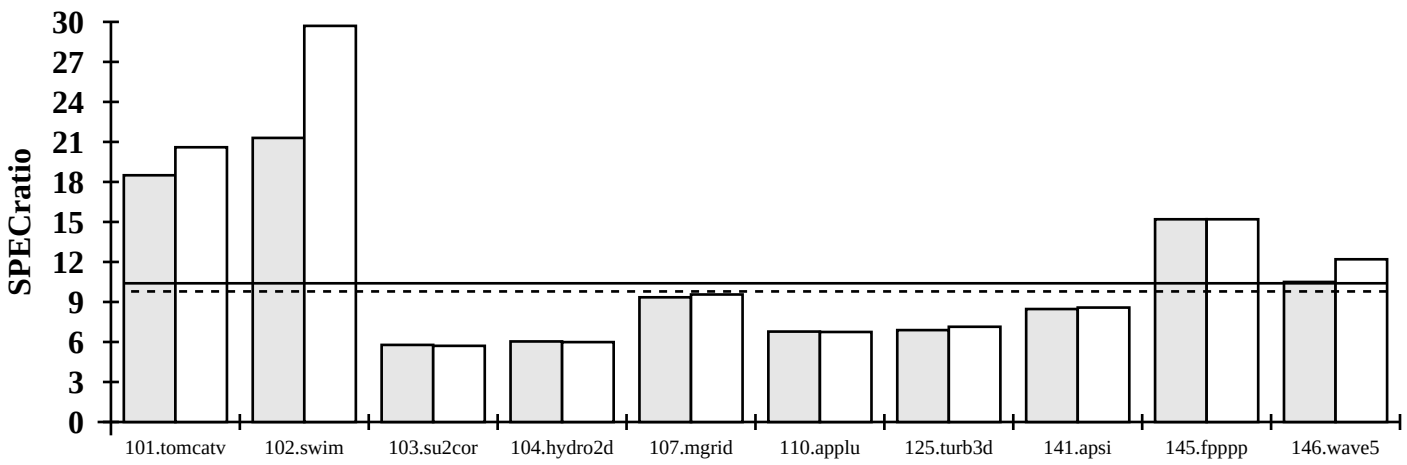
Sun Microsystems
Sun Ultra 1 Creator Model 200E

SPECfp95 = 10.4

SPECfp_base95 = 9.79

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Jun-96	Hardware Avail: Jul-96	Software Avail: May-96



Hardware/Software Configuration for:
Sun Ultra 1 Creator Model 200E

Hardware

Model Name:	Sun Ultra 1 Creator Model 200E
CPU:	200Mhz UltraSPARC
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 535MB 1 x 1GB
Other Hardware:	Fast Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun f77 4.2 alpha
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	200	18.5	180	20.6
102.swim	8600	404	21.3	290	29.7
103.su2cor	1400	242	5.78	245	5.71
104.hydro2d	2400	397	6.04	401	5.99
107.mgrid	2500	268	9.35	261	9.56
110.applu	2200	324	6.78	326	6.75
125.turb3d	4100	595	6.89	574	7.14
141.apsi	2100	248	8.47	245	8.58
145.fpppp	9600	633	15.2	631	15.2
146.wave5	3000	285	10.5	246	12.2
SPECfp_base95 (G. Mean)			9.79		
		SPECfp95 (G. Mean)			10.4

Notes/Tuning Information

```
Baseline: -fast -xO4 -xdepend -xarch=v8plus
Peak: FULTRA= -xarch=v8plusa -xchip=ultra -Qoption cg -Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7
101.tomcatv: -fast -xO4 -xdepend ${FULTRA} -xpad=local -xpad=common
102.swim: -fast -xO4 -xdepend ${FULTRA} -xpad=local -xpad=common -dn
103.su2cor: -fast -xO4 -xdepend -xtarget=ultra -xarch=v8plus -Qoption cg -Qms_pipe+nfll=5
104.hydro2d: -fast -xO4 -xdepend ${FULTRA}
107.mgrid: -fast -xO4 -xdepend -xtarget=ultra -xarch=v8plus
110.applu: -fast -xO5 -xdepend ${FULTRA} -dn -xprofile=use
125.turb3d: -fast -xO5 -xdepend -xarch=v8plus -xsafe=mem -xpad=local -xpad=common
-Qoption cg -Qiselect-funcalign=32,-Qicache-L1-bsize=4-bbits=7
141.apsi: -fast -xO4 -xdepend ${FULTRA} -dn
145.fpppp: -fast -xO5 -xdepend -xsafe=mem ${FULTRA} -dn -xprofile=use
146.wave5: -fast -xO4 -xdepend -xarch=v8plus -xprofile=use
```

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