SPEC CFP95 Results

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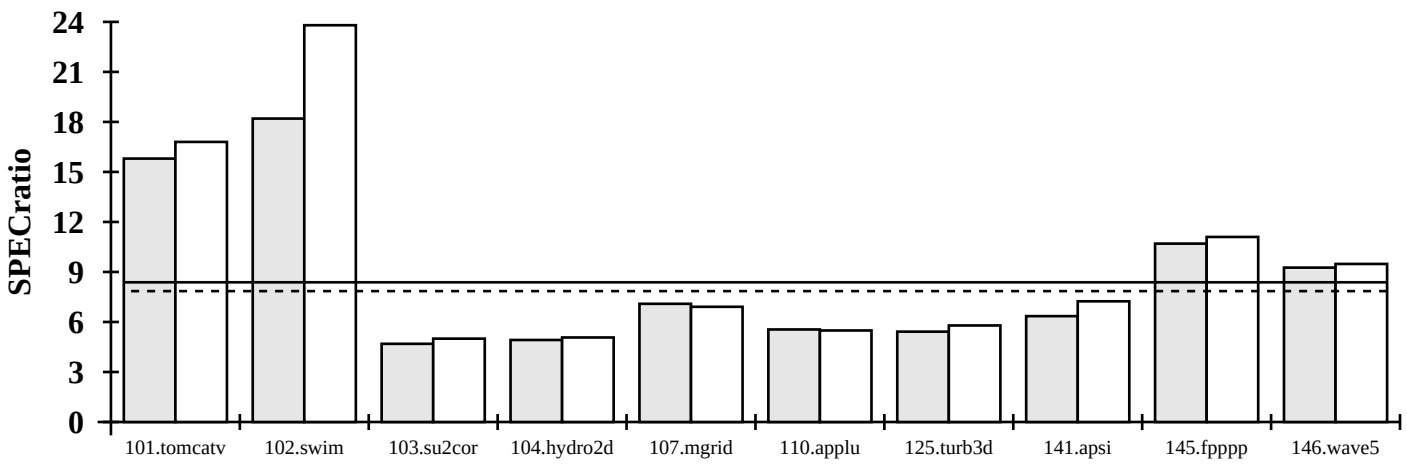
Sun Microsystems
Sun Ultra 1 Creator Model 140E

SPECfp95 = 8.38

SPECfp_base95 = 7.85

SPEC license # 6	Tested By: Sun, Mountain View	Test Date: Oct-96	Hardware Avail: Nov-96	Software Avail: May-97



Hardware/Software Configuration for:
Sun Ultra 1 Creator Model 140E

Hardware

Model Name:	Sun Ultra 1 Creator Model 140E
CPU:	143MHz 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:	2 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Solaris 2.5.1
Compiler:	Sun f77 4.3 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	234	15.8	220	16.8
102.swim	8600	473	18.2	362	23.8
103.su2cor	1400	299	4.69	280	5.00
104.hydro2d	2400	488	4.92	474	5.07
107.mgrid	2500	353	7.09	362	6.91
110.applu	2200	396	5.55	401	5.49
125.turb3d	4100	757	5.42	708	5.79
141.apsi	2100	331	6.35	290	7.24
145.fpppp	9600	897	10.7	864	11.1
146.wave5	3000	324	9.26	316	9.48
SPECfp_base95 (G. Mean)			7.85		
		SPECfp95 (G. Mean)			8.38

Notes/Tuning Information

```
Baseline: -fast -xO5 -xdepend -xarch=v8plusa
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=v8plusa
-Qoption iropt -O4+vector -Qoption cg -Qms_pipe+nfll=5 -lmvec -dn
104.hydro2d: -fast -xO5 -xdepend -xarch=v8plusa -xsafe=mem -Qoption iropt -O4+pde ${FULTRA}
-xprofile=use
107.mgrid: -fast -xO4 -xdepend -xtarget=ultra -xarch=v8plus
110.applu: -fast -xO5 -xdepend -xarch=v8plus -dn -xprofile=use
125.turb3d: -fast -xO5 -xsafe=mem -xdepend -xpad=local -xpad=common ${FULTRA} -xprofile=use
141.apsi: -fast -xO4 -xdepend -xarch=v8plus -fsimple=2 -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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