SPEC CFP95 Results

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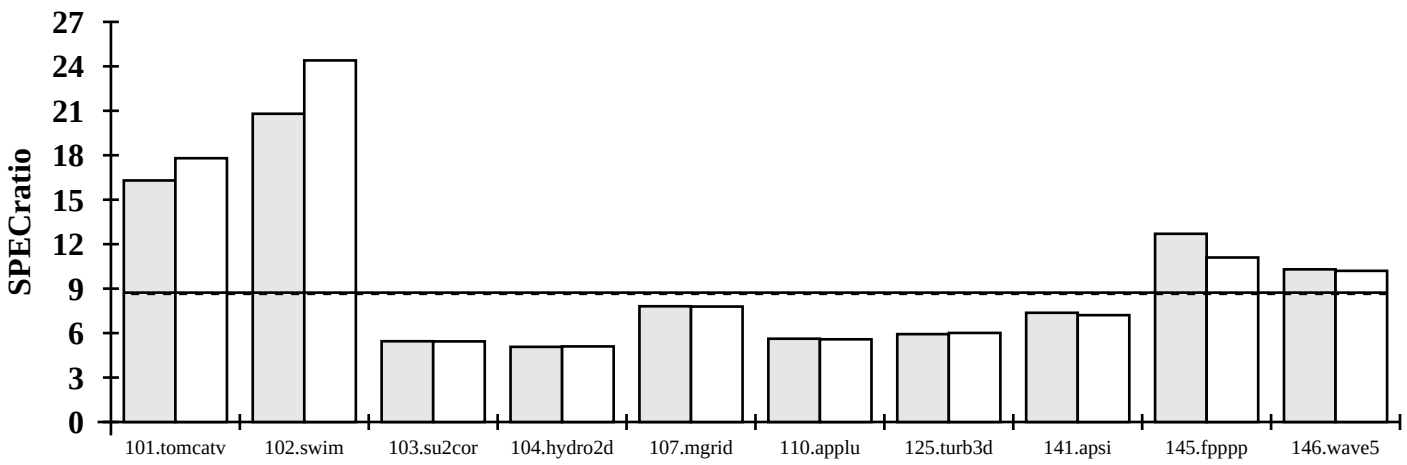
Sun Microsystems Enterprise 6000/1

SPECfp95 = 8.73

SPECfp_base95 = 8.65

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



Hardware/Software Configuration for:
Enterprise 6000/1

Hardware

Model Name:	Enterprise 6000
CPU:	167MHz 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:	4GB
Disk Subsystem:	2 x 2GB
Other Hardware:	Fast Ethernet

Software

Operating System:	Solaris 2.5.1 beta
Compiler:	Sun C 4.2 alpha 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	227	16.3	208	17.8
102.swim	8600	413	20.8	353	24.4
103.su2cor	1400	257	5.45	257	5.44
104.hydro2d	2400	473	5.07	471	5.10
107.mgrid	2500	320	7.81	321	7.79
110.applu	2200	392	5.62	394	5.58
125.turb3d	4100	692	5.93	682	6.01
141.apsi	2100	285	7.37	291	7.21
145.fpppp	9600	755	12.7	864	11.1
146.wave5	3000	293	10.3	293	10.2
SPECfp_base95 (G. Mean)			8.65		
		SPECfp95 (G. Mean)			8.73

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
Config Version @(#)ultrafast.cfg 1.39 96/03/13
```

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