SPEC CFP95 Results

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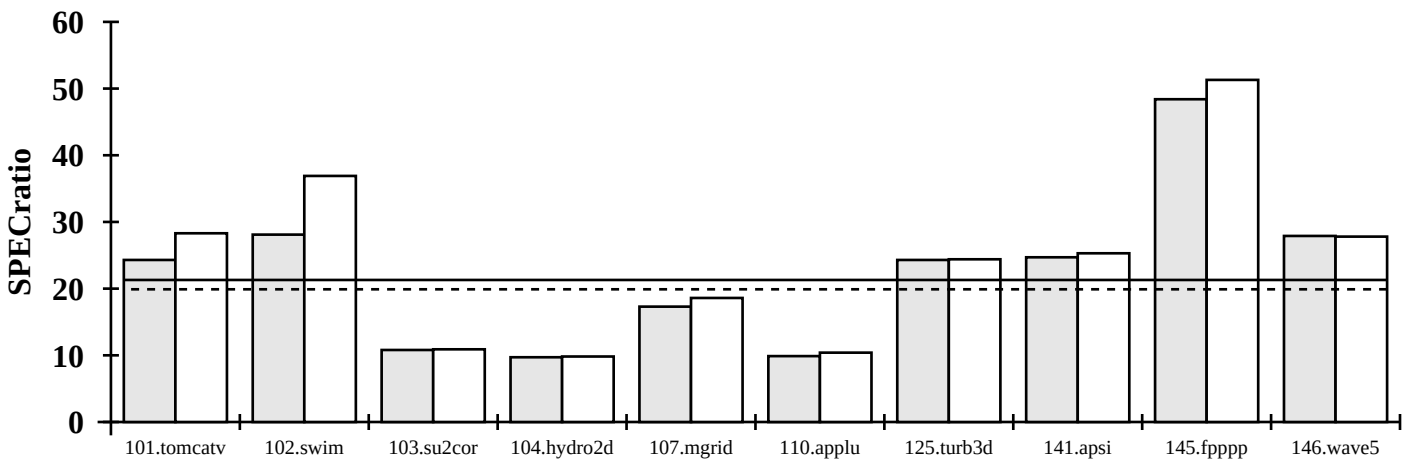
Digital Equipment Corporation
DIGITAL Personal Workstation 600au

SPECfp95 = 21.3

SPECfp_base95 = 19.9

SPEC license # 2	Tested By: Digital NH	Test Date: Mar-97	Hardware Avail: Aug-97	Software Avail: Oct-97



Hardware/Software Configuration for:
DIGITAL Personal Workstation 600au

Hardware

Model Name:	Personal Workstation 600au
CPU:	600 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB on chip
Other Cache:	2MB
Memory:	192MB
Disk Subsystem:	1 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX V4.0C
Compiler:	Fortran 77 X4.0-100-363C KAPF V3.1 961104
File System:	UFS
System State:	Multi User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	152	24.3	131	28.3
102.swim	8600	307	28.1	233	36.9
103.su2cor	1400	129	10.8	128	10.9
104.hydro2d	2400	247	9.71	244	9.82
107.mgrid	2500	144	17.3	134	18.6
110.applu	2200	223	9.88	212	10.4
125.turb3d	4100	168	24.3	168	24.4
141.apsi	2100	84.9	24.7	83	25.3
145.fpppp	9600	198	48.4	187	51.3
146.wave5	3000	108	27.9	108	27.8
SPECfp_base95 (G. Mean)			19.9		
		SPECfp95 (G. Mean)			21.3

Notes/Tuning Information

```
Compiler invocation: kf77
Base switches: -O5

Peak switches:
tomcatv: -O5 -fkapargs='-ag=ab -fuselevel=2'
su2cor:  -O5 -transform_loops -speculate all -fkapargs='-ur=4'
hydro2d: -O5 -inline speed -fkapargs='-tune=ev4 -ur=8 -ur2=400 -ipa_optimize=2'
mgrid:   -O5 -transform_loops -speculate all -fkapargs='-fuselevel=1 -ipa'
applu:   -O5 -fkapargs='-tune=ev4 -fuse -ag=a'
turb3d:  -O5 -fkapargs='-fuse -fuselevel=2 -ipa'
apsi:    -O5 -transform_loops -fkapargs='-ag=ab -ur=4 -ur2=800 -ipa_optimize=2'
fpppp:   -O2 -fkapargs='-so=0 -o=0'
wave5:   -O5 -speculate all -fkapargs='-ipa -ag=a -ur=5 -ur2=600'
swim:    -O5 -transform_loops -fkapargs='-tune=ev4 -fuselevel=2 -ag=ab -r=1
-ur=2 -ur2=600 '
```

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-- Prepared By: --