SPEC CFP95 Results

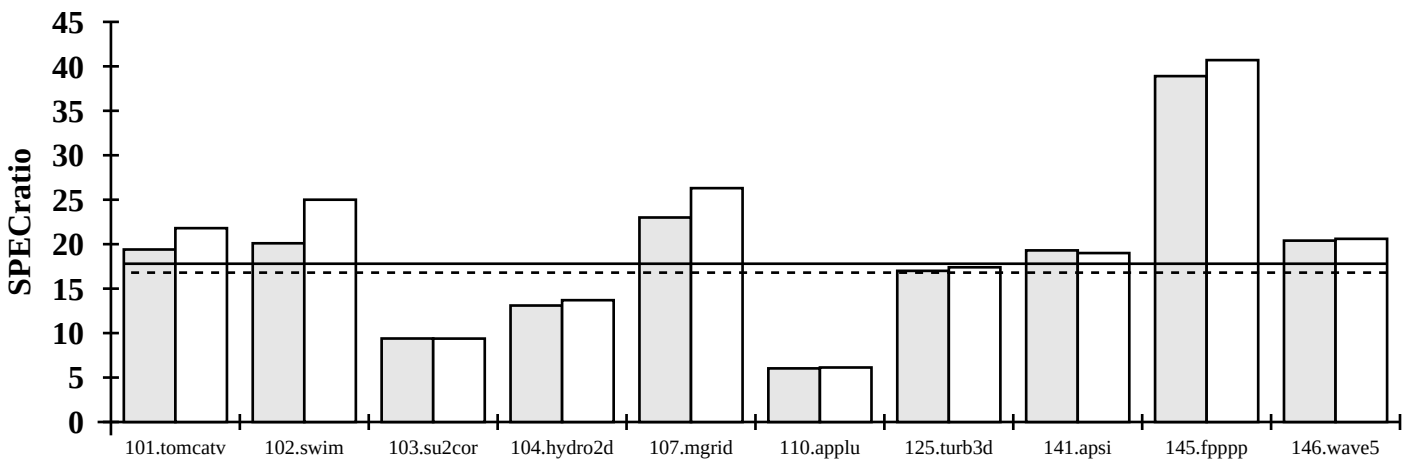
©Copyright 1995, Standard Performance Evaluation Corporation

Digital Equipment Corp.
AlphaServer 1000A 5/500

SPECfp95 = 17.8

SPECfp_base95 = 16.8

SPEC license # 2	Tested By: Digital NH	Test Date: Mar-97	Hardware Avail: Apr-97	Software Avail: Dec-96



Hardware/Software Configuration for:
AlphaServer 1000A 5/500

Hardware

Model Name:	AlphaServer 1000A 5/500
CPU:	500 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB
Other Cache:	8MB
Memory:	512MB
Disk Subsystem:	2GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX V4.0B
Compiler:	Digital FORTRAN V4.1 KAPF V3.1
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	191	19.4	169	21.8
102.swim	8600	427	20.1	344	25.0
103.su2cor	1400	149	9.39	149	9.38
104.hydro2d	2400	183	13.1	176	13.7
107.mgrid	2500	109	23.0	95	26.3
110.applu	2200	365	6.03	359	6.13
125.turb3d	4100	242	17.0	236	17.4
141.apsi	2100	109	19.3	111	19.0
145.fpppp	9600	247	38.9	236	40.7
146.wave5	3000	147	20.4	146	20.6
SPECfp_base95 (G. Mean)			16.8		
		SPECfp95 (G. Mean)			17.8

Notes/Tuning Information

```
Compiler: kf77     Base tuning: -O5
Peak tuning:
tomcatv: -O5 -fkapargs='-ag=ab -fuselevel=2'
swim: -O5 -transform_loops -fkapargs='-tune=ev4 -fuselevel=2 -ag=ab -r=1 -ur=2 -ur2=600 '
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'
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/

-- Prepared By: --