SPEC CFP95 Results

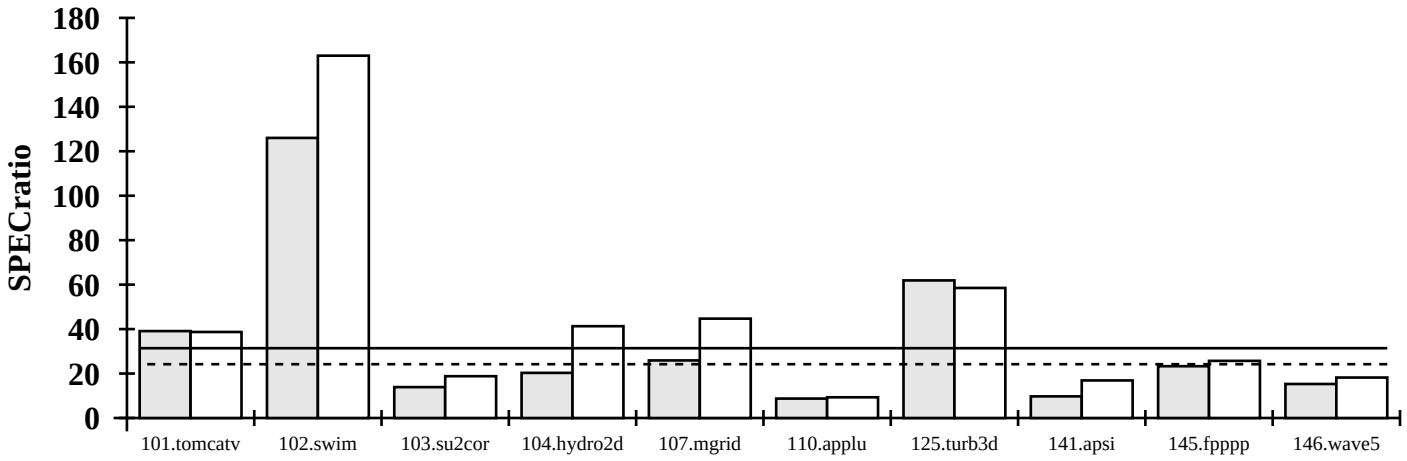
©Copyright 1995, Standard Performance Evaluation Corporation

Digital Equipment Corp.
AlphaServer 8200 5/350

SPECfp95 = 31.4

SPECfp_base95 = 24.2

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



Hardware/Software Configuration for:
AlphaServer 8200 5/350

Hardware

Model Name:	AlphaServer 8200 5/350
CPU:	350 MHz 21164
FPU:	Integrated
Number of CPU(s):	6
Primary Cache:	8KB(I)+(D) on chip
Secondary Cache:	96KB on chip
Other Cache:	4MB
Memory:	2GB (1x2GB)
Disk Subsystem:	1 x 4GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX X3.2D (Rev. 32)
Compiler:	DEC FORTRAN V3.8 KAPF V2.2A k261202 960119
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	94.6	39.1	96	38.7
102.swim	8600	68.3	126	53	163
103.su2cor	1400	101	13.9	74	18.8
104.hydro2d	2400	118	20.3	58	41.3
107.mgrid	2500	96.7	25.9	56	44.7
110.applu	2200	252	8.74	236	9.32
125.turb3d	4100	66.2	61.9	70	58.5
141.apsi	2100	216	9.73	124	16.9
145.fpppp	9600	411	23.3	374	25.7
146.wave5	3000	196	15.3	164	18.2
SPECfp_base95 (G. Mean)			24.2		
		SPECfp95 (G. Mean)			31.4

Notes/Tuning Information

```
Baseline: kf77 -tune ev5 -fkapargs='-conc -ipa_optimize=2 -mc=10000'
Peak:  kf77
101.tomcatv -O5 -fkapargs='-nat -ur=1 -conc'
102.swim -O5 -fkapargs='-ag=abc -ur=1 -conc'
103.su2cor -O5 -noautomatic -fkapargs='-ag=abc -conc -ur=1'
104.hydro2d -O5 -fkapargs='-ag=abc -ur=1 -conc -inl -inll=1 -ind=1 '
107.mgrid -O5 -fkapargs='-ag=abc -conc -ur=1'
110.applu -O5 -fkapargs=' -ag=a -conc'
125.turb3d -O5 -fkapargs='-conc -ipa -ipall=3 -ind=10 -noarclimit -heaplimit=500 -ur=1'
141.apsi -O5 -om -fkapargs=' -tune=ev5 -ag=ab -ur=4 -ur2=800 -nat'
145.fpppp -O5 -om -fkapargs='-tune=ev5 -ag=a -ur=4 -ur2=560'
146.wave5 -O5 -fkapargs='-ag=a -nat -ur=5 -ur2=600'
kernel options: stackinc=0x20000
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org