SPEC CFP95 Results

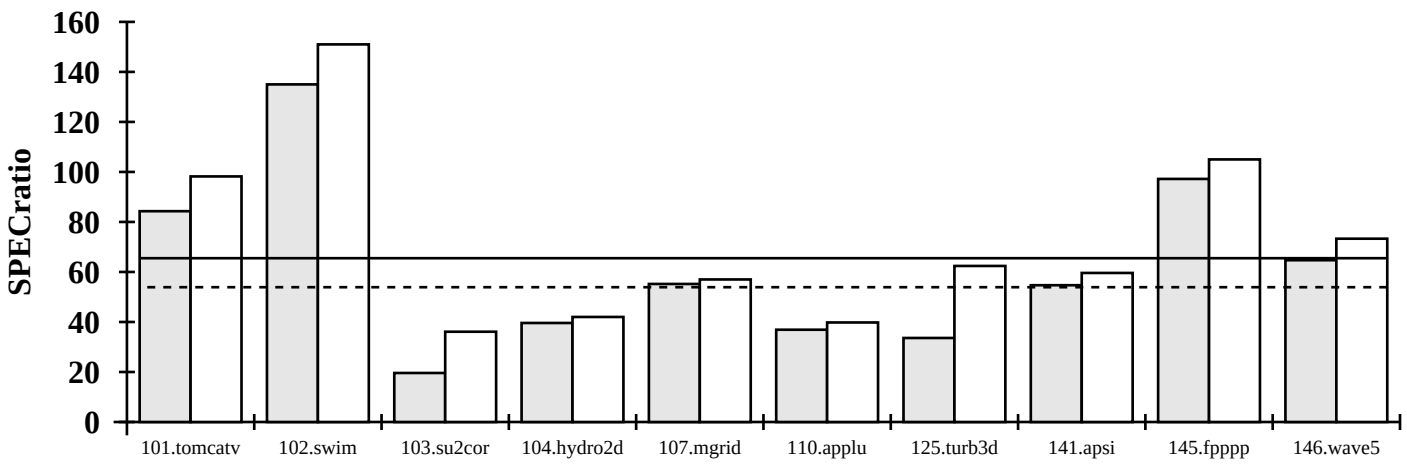
©Copyright 1995, Standard Performance Evaluation Corporation

Compaq Computer Corporation
Professional Workstation XP1000

SPECfp95 = 65.5

SPECfp_base95 = 53.9

SPEC license # 2	Tested By: Compaq NH	Test Date: Jul-99	Hardware Avail: Aug-99	Software Avail: Jan-99



Hardware/Software Configuration for:
Professional Workstation XP1000

Hardware

Model Name:	Professional Workstation XP1000
CPU:	667 MHz 21264A
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KB(I)+64KB(D) on chip
Secondary Cache:	4MB
Other Cache:	none
Memory:	256MB (8x32MB)
Disk Subsystem:	1x4GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX V4.0E (Rev. 1091) + Patch Kit 1
Compiler:	Fortran V5.2 KAP Fortran V4.1
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	43.9	84.3	38	98.2
102.swim	8600	63.9	135	57	151
103.su2cor	1400	71.6	19.6	39	36.1
104.hydro2d	2400	60.6	39.6	57	42.0
107.mgrid	2500	45.3	55.2	44	57.0
110.applu	2200	59.6	36.9	55	39.8
125.turb3d	4100	122	33.6	66	62.4
141.apsi	2100	38.4	54.7	35	59.6
145.fpppp	9600	98.8	97.2	91	105
146.wave5	3000	46.4	64.7	41	73.3
SPECfp_base95 (G. Mean)			53.9		
		SPECfp95 (G. Mean)			65.5

Notes/Tuning Information

```
base:    kf77 -arch ev6 -O5 -transform_loops -fkapargs='-ur=1'

tomcatv: kf90 -arch ev6 -O5 -inline none
.        -fkapargs='-fuselevel=2 -ur=9 -ur2=460 -ur3=30 '
swim:    kf77 -arch ev6 -O5 -fkapargs='-ag=a -fuselevel=2 -ur=1'
su2cor:  kf90 -arch ev6 -O3 -transform_loops -automatic
.        -fkapargs=' -ag=abfg -r=0 -nointerleave -ur2=260 '
hydro2d: kf90 -arch ev6 -O5 -fkapargs='-fuselevel=2 -ur2=860'
mgrid:   kf77 -arch ev6 -O5 -speculate all -fkapargs='-fuselevel=2 -ur=1'
applu:   kf90 -arch ev6 -transform_loops -automatic -fkapargs=' -r=2 -o=0 -ur2=60 '
turb3d:  kf90 -arch ev6 -O5 -speculate all -automatic
.        -fkapargs=' -ag=a -o=1 -ur2=760 -ur3=100 '
apsi:    kf90 -arch ev6 -O2 -pipeline -automatic
.        -fkapargs=' -fuselevel=2 -ur=8 -ur2=60 '
fpppp:   kf90 -arch ev6 -O2 -transform_loops -fkapargs='-so=0 -o=0'
wave5:   kf90 -arch ev6 -O5 -transform_loops -unroll 15
.        -fkapargs='-r=1 -o=2 -ur2=260 -ur3=30'
```

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

-- Prepared By: --