SPEC CFP95rate Results

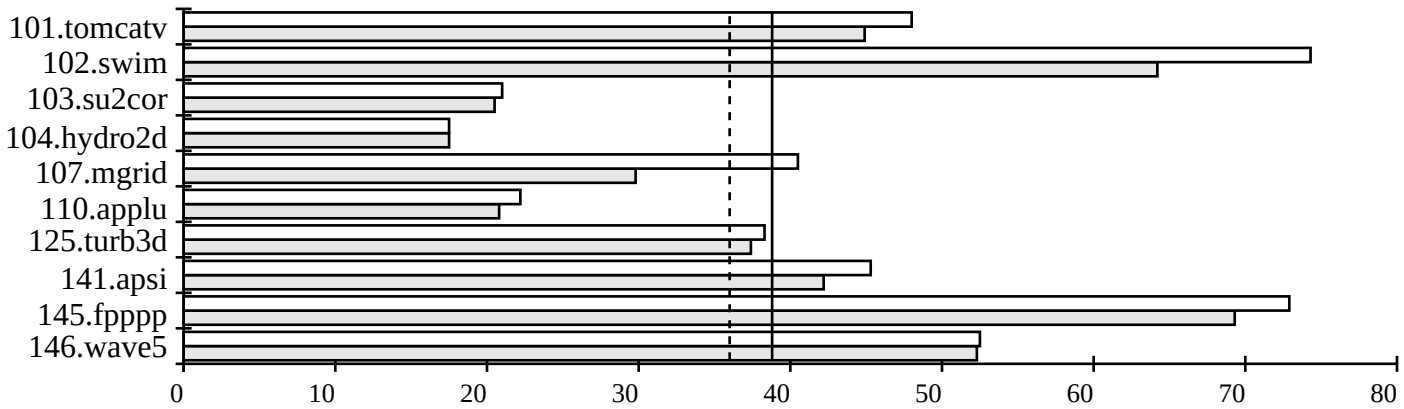
©Copyright 1995, Standard Performance Evaluation Corporation

Digital Equipment Corp.
AlphaStation 200 4/233

SPECfp_rate95 = 38.8

SPECfp_rate_base95 = 36.0

SPEC license # 2	Tested By: Digital NH	Test Date: Jun-96	Hardware Avail: Dec-94	Software Avail: Aug-96



Hardware/Software Configuration for:
AlphaStation 200 4/233

Hardware

Model Name:	AlphaStation 200 4/233
CPU:	233 MHz 21064A
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KB(I)+16KB(D) on chip
Secondary Cache:	512KB
Other Cache:	none
Memory:	128MB
Disk Subsystem:	1 x 2GB
Other Hardware:	Ethernet

Software

Operating System:	Digital UNIX V4.0A
Compiler:	DEC FORTRAN V4.0 KAPF V3 960401 DEC C X5.3-148-334R
File System:	UFS
System State:	Multi User vm-page-free-min=5760

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	742	44.9	1	693	48.0
102.swim	1	1205	64.2	1	1042	74.3
103.su2cor	1	615	20.5	1	600	21.0
104.hydro2d	1	1236	17.5	1	1233	17.5
107.mgrid	1	755	29.8	1	555	40.5
110.applu	1	951	20.8	1	893	22.2
125.turb3d	1	987	37.4	1	964	38.3
141.apsi	1	448	42.2	1	418	45.3
145.fpppp	1	1247	69.3	1	1186	72.9
146.wave5	1	516	52.3	1	515	52.5
SPECfp_rate_base95 (G. Mean)			36.0			
SPECfp_rate95 (G. Mean)						38.8

Notes/Tuning Information

```
Compiler invokation: kf77
Base tuning: -noautomatic

Peak tuning:
tomcatv: -O5 -om -tL -h/usr/lib/cmplrs/cc.alt -B -fkapargs='-tune=ev5 -ag=ab -fuse'
swim: -O4 -om -tL -h/usr/lib/cmplrs/cc.alt -B -align dcommons -fkapargs='-tune=ev4 -ag=ab  -ur=2 -ur2=600 '
su2cor: no switches
hydro2d: -O5 -om -tL -h/usr/lib/cmplrs/cc.alt -B -inline speed -fkapargs='-tune=ev4
-ur=8 -ur2=400 -ipa_optimize=2'
mgrid: -O5 -om -tL -h/usr/lib/cmplrs/cc.alt -B -transform_loops -speculate all -fkapargs='-tune=ev4 -fuse '
applu: -O5 -fkapargs='-tune=ev4  -fuse -ag=a'
turb3d: -noautomatic -om -tL -h/usr/lib/cmplrs/cc.alt -B
apsi: -tune ev5 -O4 -om -tL -h/usr/lib/cmplrs/cc.alt -B -transform_loops
-fkapargs='-tune=ev5 -ag=ab -ur=4 -ur2=800 -nat -ipa_optimize=2'
fpppp: -O2 -noautomatic -fkapargs='-so=0 -o=0'
wave5: -noautomatic
```

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

-- Prepared By: --