SPEC CFP95 Results

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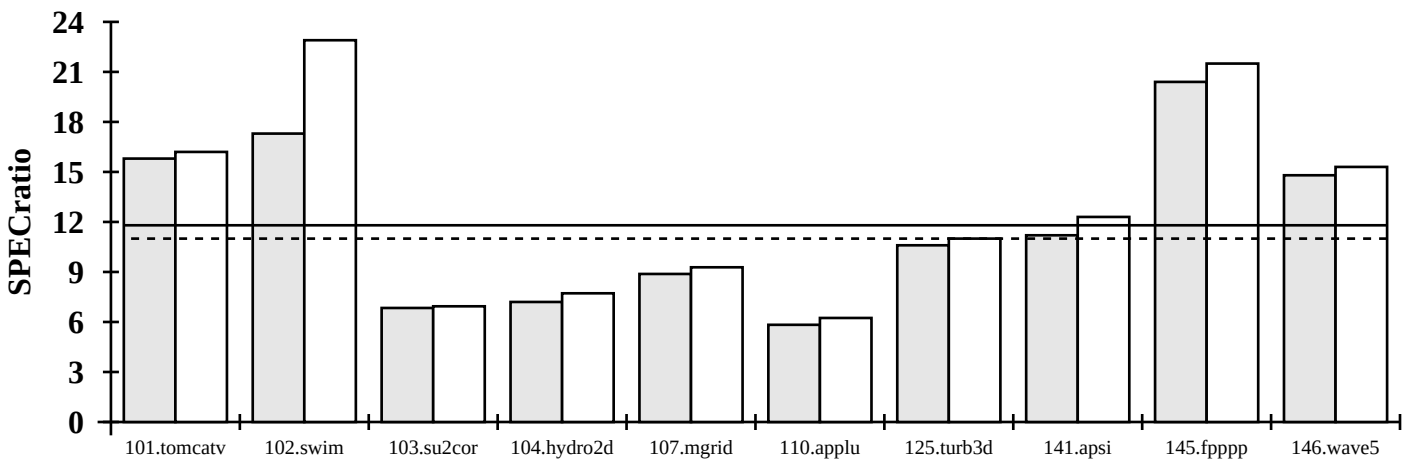
Digital Equipment Corp.
AlphaStation 600 5/266

SPECfp95 = 11.8

SPECfp_base95 = 11.0

SPEC license # 2	Tested By: Digital NH	Test Date: Jul-96	Hardware Avail: Jul-95	Software Avail: Aug-96



Hardware/Software Configuration for:
AlphaStation 600 5/266

Hardware

Model Name:	AlphaStation 600 5/266
CPU:	266 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB
Other Cache:	4MB
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	234	15.8	229	16.2
102.swim	8600	498	17.3	375	22.9
103.su2cor	1400	205	6.84	202	6.94
104.hydro2d	2400	333	7.20	311	7.72
107.mgrid	2500	281	8.88	269	9.28
110.applu	2200	377	5.83	353	6.24
125.turb3d	4100	385	10.6	373	11.0
141.apsi	2100	187	11.2	170	12.3
145.fpppp	9600	469	20.4	447	21.5
146.wave5	3000	203	14.8	197	15.3
SPECfp_base95 (G. Mean)			11.0		
		SPECfp95 (G. Mean)			11.8

Notes/Tuning Information

```
compiler: kf77  baseline optimizations: -noautomatic -O5

Peak:   tomcatv: -O5 -om -tL -h/usr/lib/cmplrs/cc.alt -B -fkapargs='-tune=ev5 -ag=ab -fuse'
swim: -O5 -om -tL -h/usr/lib/cmplrs/cc.alt -B -align dcommons -fkapargs='-tune=ev5 -ag=ab  -ur=2 -ur2=600 '
su2cor: -transform_loops -speculate all     hydro2d: -tune ev5  -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=ev5 -fuse '
applu: -tune ev5 -O5 -fkapargs='-tune=ev4  -fuse -ag=a'     turb3d: -O5 -nopipeline -fkapargs='-tune=ev5
-fuse '  with feedback     apsi: -O5 -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: -speculate all -fkapargs='-tune=ev5 -ag=a -nat -ur=5 -ur2=600'
with feedback

feedback: PASS1=-gen_feedback
fdo_pre1=mv %binary% %exename%.orig;pixie -pids %exename%.orig -o %exename%
fdo_run1=%command%
fdo_post1=prof -pixie -feedback ../../src/%exename%.fb %exename%.orig %exename%.orig.Addrs %exename%.orig.Counts.*
PASS2=-feedback $(EXENAME).fb
```

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-- Prepared By: --