SPEC CFP95 Results

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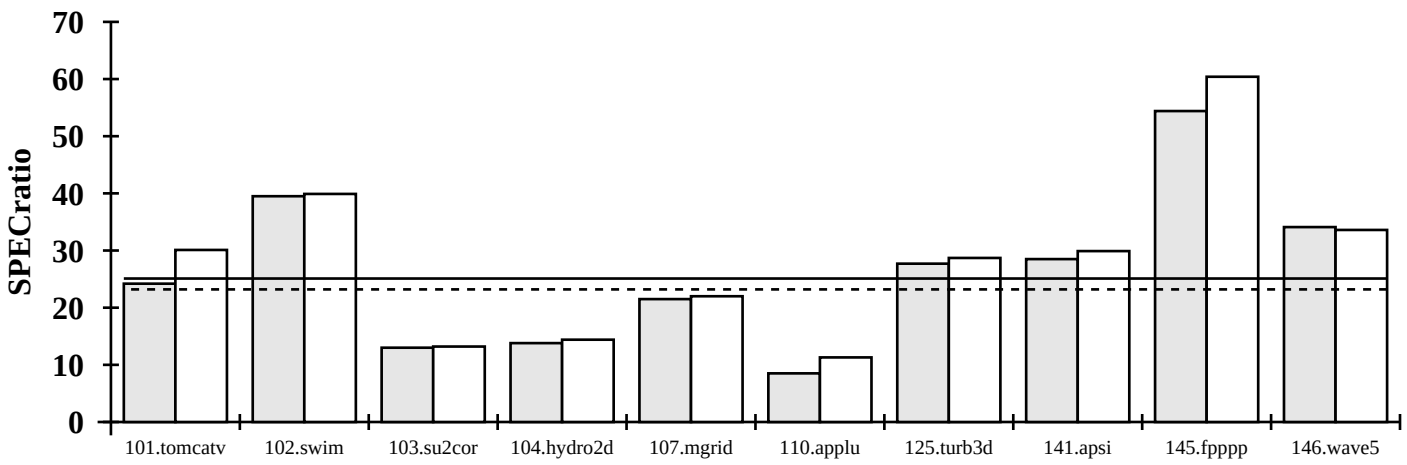
KryoTech/DIGITAL 767 Personal Supercomputer

SPECfp95 = 25.1

SPECfp_base95 = 23.2

SPEC license # 2	Tested By: Digital NH	Test Date: Apr-98	Hardware Avail: Jun-98	Software Avail: Oct-97



Hardware/Software Configuration for:
767 Personal Supercomputer

Hardware

Model Name:	KryoTech/DIGITAL 767 Personal Supercomputer
CPU:	767 MHz 21164
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KB(I)+8KB(D) on chip
Secondary Cache:	96KB (I+D) on chip
Other Cache:	4MB (I+D) off chip
Memory:	768MB
Disk Subsystem:	1x2GB
Other Hardware:	Ethernet

Software

Operating System:	Windows NT V4.00.1381
Compiler:	Visual Fortran V5.0-471-337P KAP V1.1 970328
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	153	24.2	123	30.1
102.swim	8600	217	39.5	215	39.9
103.su2cor	1400	108	13.0	106	13.2
104.hydro2d	2400	173	13.8	166	14.4
107.mgrid	2500	116	21.5	114	22.0
110.applu	2200	259	8.51	195	11.3
125.turb3d	4100	148	27.7	143	28.7
141.apsi	2100	73.8	28.5	70	29.9
145.fpppp	9600	177	54.4	159	60.4
146.wave5	3000	87.9	34.1	89	33.6
SPECfp_base95 (G. Mean)			23.2		
			SPECfp95 (G. Mean)		25.1

Notes/Tuning Information

```
compiler: kf77
baseline: /fkapargs="/ipa /ag=a" -optimize:5 -link -debug:none

tomcatv: /fkapargs="/ag=ab /fuselevel=2"
swim: /fkapargs="/ag=ab -fuselevel=2 -r=1 -ur=2 -ur2=600" -optimize:5
su2cor: none
hydro2d: -inline:speed /fkapargs="/ur=8 /ur2=400 /ur3=10" -optimize:5
mgrid: /fkapargs="/fuselevel=1 /ipa" -optimize:5
applu: /fkapargs="/tune=ev5 /fuse /ag=a" -optimize:5 -notransform_loops
turb3d: /fkapargs="/tune=ev5 /ag=a /fuse /fuselevel=2 /ipa" -optimize:5 -notransform_loops
apsi: /fkapargs="/tune=ev5 /ag=ab /ur=4 /ur2=800 /ipa_optimize=2" -optimize:5
fpppp: /fkapargs="/so=0 /o=0" -optimize:2
wave5: /fkapargs="/ipa /ag=a /ur=5 /ur2=600" -pipeline
```

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-- Prepared By: --