SPEC CFP95rate Results

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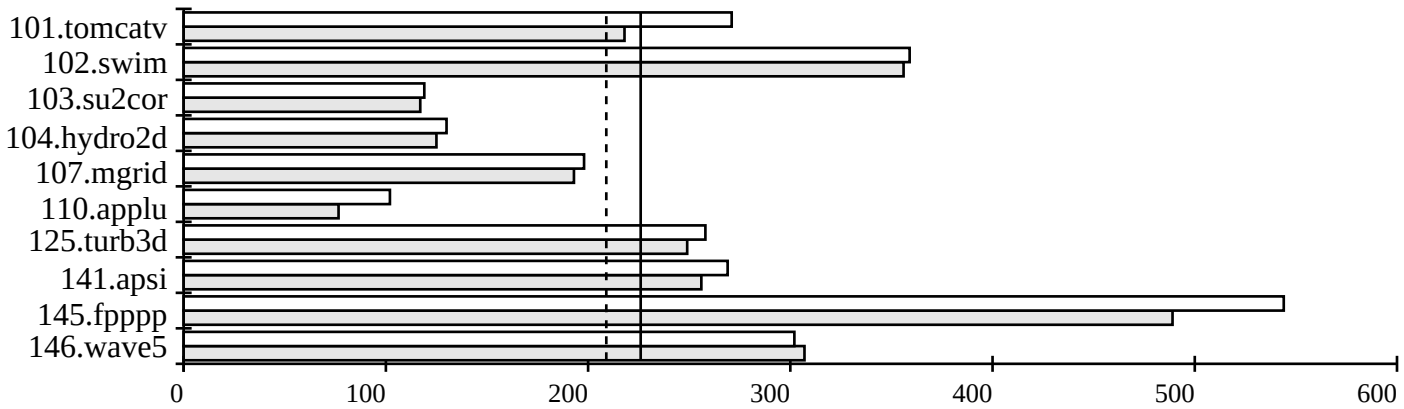
KryoTech/DIGITAl 767 Personal Supercomputer

SPECfp_rate95	=	226
SPECfp_rate_base95	=	209

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



SPECrate

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	153	218	1	123	271
102.swim	1	217	356	1	215	359
103.su2cor	1	108	117	1	106	119
104.hydro2d	1	173	125	1	166	130
107.mgrid	1	116	193	1	114	198
110.applu	1	259	76.6	1	195	102
125.turb3d	1	148	249	1	143	258
141.apsi	1	73.8	256	1	70	269
145.fpppp	1	177	489	1	159	544
146.wave5	1	87.9	307	1	89	302
SPECfp_rate_base95 (G. Mean)			209			
SPECfp_rate95 (G. Mean)						226

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
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --