SPEC CFP95rate Results

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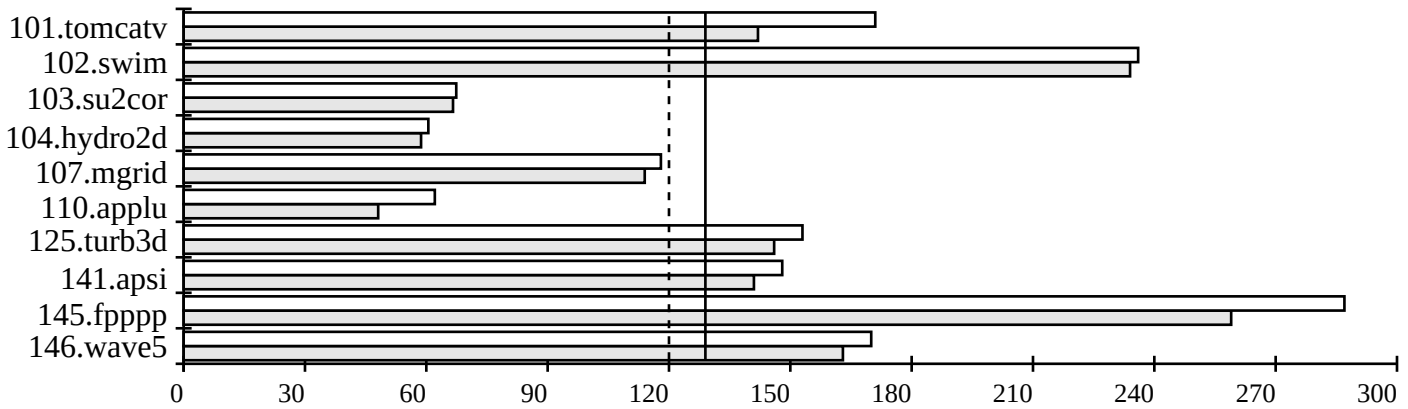
Digital Equipment Corp.
DIGITAL Server 3300 6400A

SPECfp_rate95 = 129

SPECfp_rate_base95 = 120

SPEC license # 2 | Tested By: Digital NH | Test Date: Feb-98 | Hardware Avail: Jan-98 | Software Avail: Oct-97



Hardware/Software Configuration for:
DIGITAL Server 3300 6400A

Hardware

Model Name:	DIGITAL Server 3300 6400A
CPU:	400 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:	2MB (I+D) off chip
Memory:	512MB
Disk Subsystem:	RZ29B 4GB
Other Hardware:	Ethernet

Software

Operating System:	Microsoft Windows NT V4.0 Server
Compiler:	Visual Fortran v5.0 KAP V1.1 970328
File System:	FAT
System State:	Default

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	235	142	1	194	171
102.swim	1	331	234	1	328	236
103.su2cor	1	189	66.6	1	187	67.4
104.hydro2d	1	368	58.7	1	357	60.5
107.mgrid	1	197	114	1	191	118
110.applu	1	411	48.1	1	319	62.1
125.turb3d	1	253	146	1	242	153
141.apsi	1	134	141	1	128	148
145.fpppp	1	334	259	1	301	287
146.wave5	1	166	163	1	159	170
SPECfp_rate_base95 (G. Mean)			120			
SPECfp_rate95 (G. Mean)						129

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: --