SPEC CFP95rate Results

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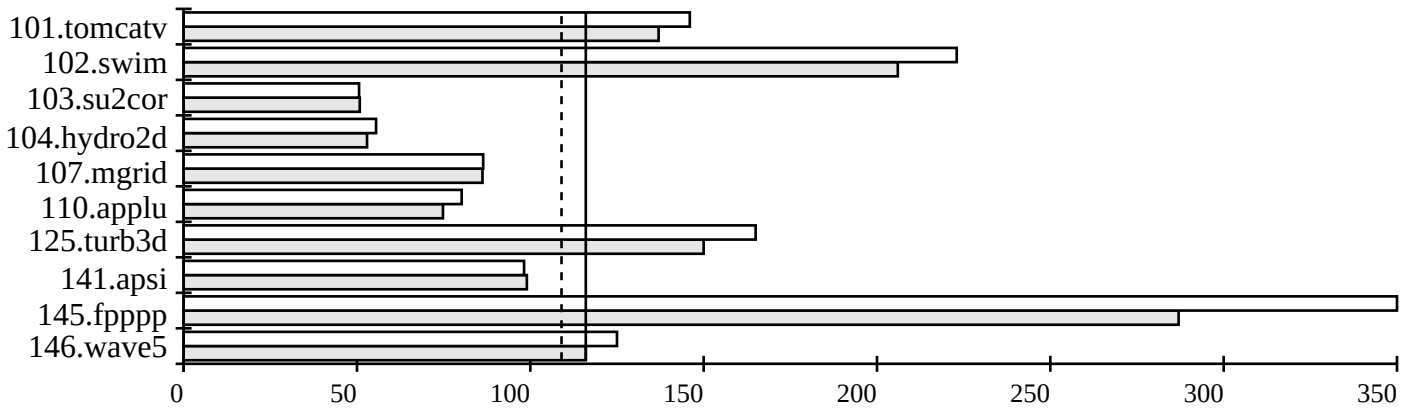
IBM Corporation
RISC System/6000 F50 (332 MHz; 1 CPU)

SPECfp_rate95 = 116

SPECfp_rate_base95 = 109

SPEC license # 11 | Tested By: IBM, Austin, TX | Test Date: Jul-99 | Hardware Avail: Feb-98 | Software Avail: Nov-98



Hardware/Software Configuration for:
RISC System/6000 F50 (332 MHz; 1 CPU)

Hardware

Model Name:	RS/6000 F50 (332 MHz; 1 CPU)
CPU:	332 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	256KB(I+D) off chip
Other Cache:	None
Memory:	2 GB
Disk Subsystem:	6x2.2GB
Other Hardware:	None

Software

Operating System:	AIX 4.3.2
Compiler:	XL Fortran version 6.1.0.0 KAP version 3.2 VAST-2 version 4.01X8
File System:	AIX/JFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	244	137	1	228	146
102.swim	1	375	206	1	347	223
103.su2cor	1	248	50.8	1	249	50.6
104.hydro2d	1	408	52.9	1	389	55.5
107.mgrid	1	261	86.2	1	260	86.4
110.applu	1	265	74.8	1	247	80.2
125.turb3d	1	245	150	1	223	165
141.apsi	1	191	99.0	1	192	98.2
145.fpppp	1	302	287	1	247	350
146.wave5	1	233	116	1	215	125
SPECfp_rate_base95 (G. Mean)			109			
SPECfp_rate95 (G. Mean)						116

Notes/Tuning Information

```
Base: -O4 -qipa=level=2 -qhsflt -lmass
Peak:
101: -qhot -O3 -qarch=ppc -qnosave -Pv -Wp,-me -bnso -bI:/lib/syscalls.exp
102: -O3 -qarch=ppc -qhot -lmass
103: -O3 -qarch=ppc -qhot -qnosave -lmass -bnso -bI:/lib/syscalls.exp
104: -qtbtable=none -O3 -qarch=ppc -qfloat=hsflt -qnosave -qpdf1/pdf2
-Pk -Wp,-fuse,-r=3,-inl,-ur=2,-ur2=150,-f
107: -O4 -qipa=level=2 -qhsflt -lmass
110: -qipa=level=2:partition=large -qtbtable=none -Q -O3 -qfloat=hsflt -qnosave
-Pk -Wp,-fuse,-ur=4,-ur2=150,-r=2,-lm=5,-f -qpdf1/pdf2 -lmass; fdpr -R2
125: -qipa=level=2 -qmaxmem=-1 -O3 -qarch=ppc -Pv -Wp,-me,-o -lmass
141: -O3 -qarch=ppc -qhot -lmass -bnso -bI:/lib/syscalls.exp
145: -qhot -O3 -Q -qfloat=hsflt -Pv -Wp,-ea27,-o -1 -qlog4 -qnosave
-qmaxmem=-1 -qpdf1/pdf2 -lmass -bnso -bI:/lib/syscalls.exp; fdpr -R3
146: -O3 -qarch=ppc -qfloat=hsflt -Q -Pk -Wp,-ag=a,-f -lmass -bnso
-bI:/lib/syscalls.exp; fdpr -R2
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@spec.org
http://www.spec.org/

-- Prepared By: Cloyce D. Spradling <cloyce@austin.ibm.com>