SPEC CFP95rate Results

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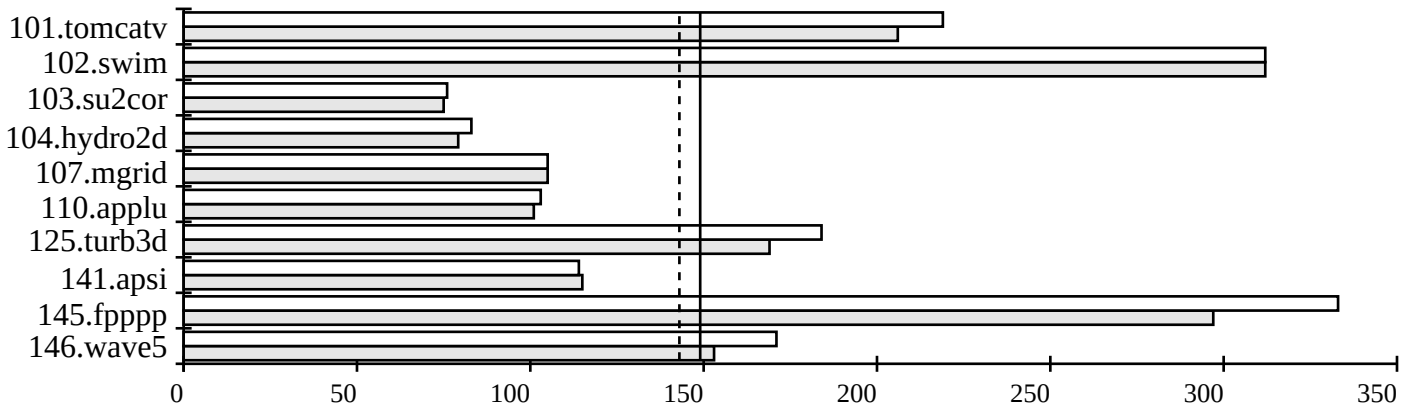
IBM Corporation
RS/6000 F50 (166MHz 2 Proc.)

SPECfp_rate95 = 149

SPECfp_rate_base95 = 143

SPEC license # 11	Tested By: IBM, Austin TX	Test Date: Mar-97	Hardware Avail: Apr-97	Software Avail: Apr-97



Hardware/Software Configuration for:
RS/6000 F50 (166MHz 2 Proc.)

Hardware

Model Name:	RS/6000 F50
CPU:	166 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	256Kb(I+D) per CPU off chip
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1x2.2GB SCSI
Other Hardware:	None

Software

Operating System:	AIX 4.2.1
Compiler:	XL Fortran version 4.1.0.3 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	2	324	206	2	304	219
102.swim	2	496	312	2	497	312
103.su2cor	2	336	75.0	2	332	76.0
104.hydro2d	2	546	79.2	2	520	83.0
107.mgrid	2	429	105	2	430	105
110.applu	2	392	101	2	384	103
125.turb3d	2	436	169	2	400	184
141.apsi	2	328	115	2	332	114
145.fpppp	2	582	297	2	519	333
146.wave5	2	353	153	2	317	171
SPECfp_rate_base95 (G. Mean)			143			
SPECfp_rate95 (G. Mean)						149

Notes/Tuning Information

```
Base: -O3 -qarch=ppc -qhot -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: -O3 -qarch=ppc -qfloat=hsflt -qfdpr -Pk -Wp,-fuse -qpdf1/pdf2 -bnso
-bI:/lib/syscalls.exp
107: -qhot -O3 -qarch=ppc -bnso -bI:/lib/syscalls.exp
110: -qhot -O3 -qarch=ppc -qfloat=hsflt -Q -lmass -bnso -bI:/lib/syscalls.exp
125: -O3 -qarch=ppc -qnosave -Pv -Wp,-e78,-me -lmass -bnso -bI:/lib/syscalls.exp
141: -O3 -qarch=ppc -qhot -lmass -bnso -bI:/lib/syscalls.exp
145: -qhot -O3 -qarch=ppc -Q -qfloat=hsflt -Pv -Wp,-ea,-g1 -lmass -bnso
-bI:/lib/syscalls.exp; fdpr -R3
146: -O3 -qarch=ppc -qfloat=hsflt -Q -Pk -Wp,-ag=a -lmass -bnso -bI:/lib/syscalls.exp;
```

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-- Prepared By: --