SPEC CFP95 Results

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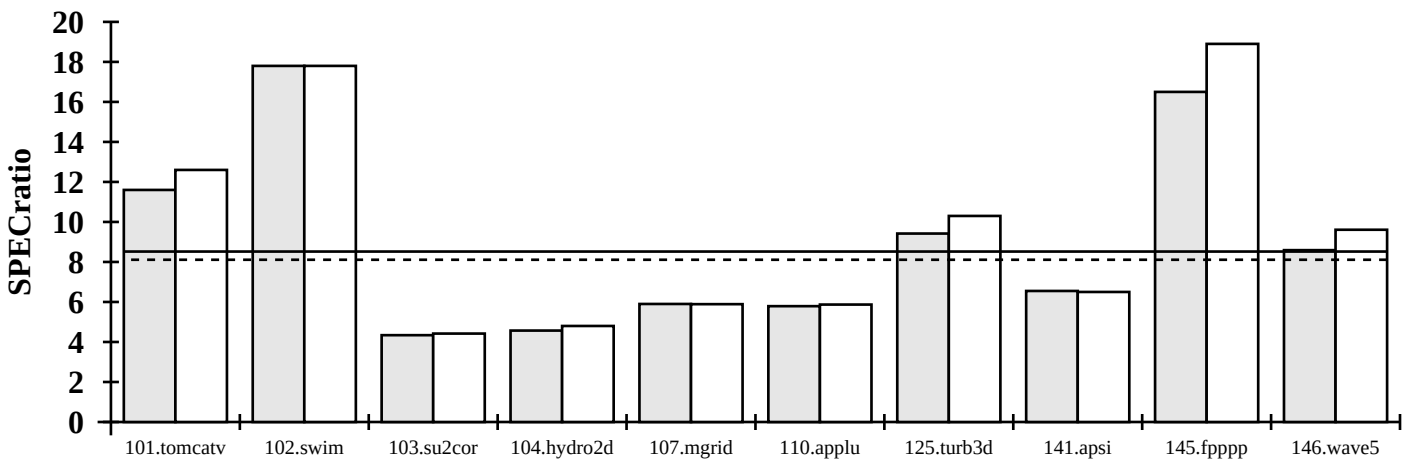
IBM Corporation
RS/6000 F50 (166MHz 1 Proc.)

SPECfp95 = 8.52

SPECfp_base95 = 8.11

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 1 Proc.)

Hardware

Model Name:	RS/6000 F50
CPU:	166 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	318	11.6	293	12.6
102.swim	8600	483	17.8	483	17.8
103.su2cor	1400	323	4.34	317	4.42
104.hydro2d	2400	526	4.57	500	4.80
107.mgrid	2500	423	5.90	424	5.89
110.applu	2200	380	5.79	375	5.87
125.turb3d	4100	435	9.42	398	10.3
141.apsi	2100	321	6.55	323	6.50
145.fpppp	9600	582	16.5	508	18.9
146.wave5	3000	349	8.59	312	9.61
SPECfp_base95 (G. Mean)			8.11		
		SPECfp95 (G. Mean)			8.52

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: --