SPEC CFP95 Results

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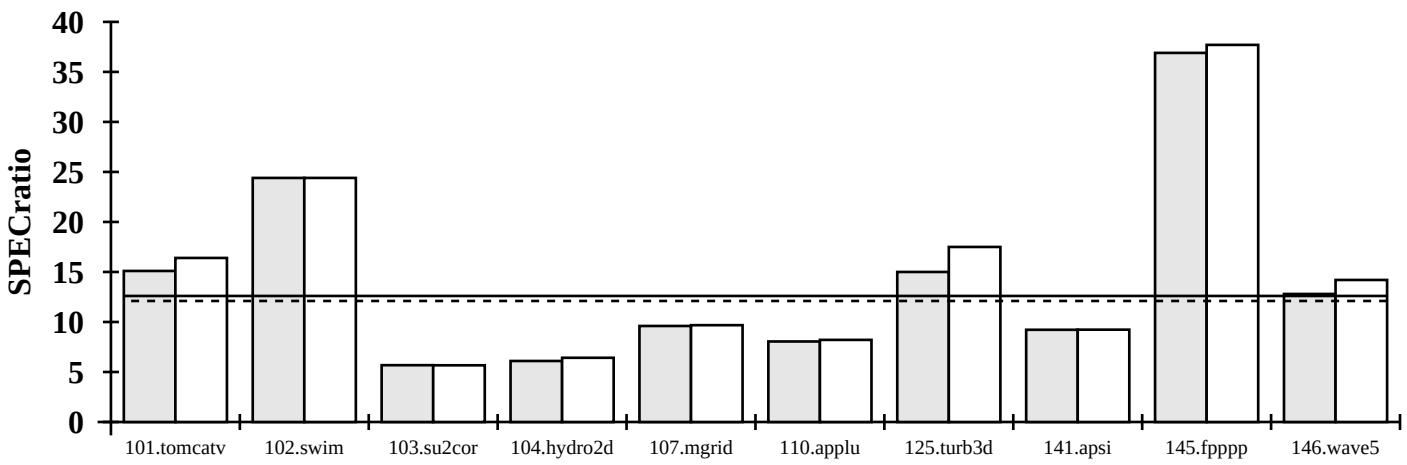
IBM Corporation
RS/6000 Model H50 (1 CPU)

SPECfp95 = 12.6

SPECfp_base95 = 12.1

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Sep-98	Hardware Avail: Feb-98	Software Avail: Apr-97



Hardware/Software Configuration for:
RS/6000 Model H50 (1 CPU)

Hardware

Model Name:	RS/6000 H50
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:	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	244	15.1	226	16.4
102.swim	8600	352	24.4	353	24.4
103.su2cor	1400	246	5.68	247	5.67
104.hydro2d	2400	393	6.10	374	6.42
107.mgrid	2500	260	9.60	258	9.68
110.applu	2200	273	8.05	268	8.21
125.turb3d	4100	273	15.0	235	17.5
141.apsi	2100	228	9.22	228	9.23
145.fpppp	9600	260	36.9	255	37.7
146.wave5	3000	235	12.8	212	14.2
SPECfp_base95 (G. Mean)			12.1		
			SPECfp95 (G. Mean)		12.6

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 -qpdf1/2 -bnso
-bI:/lib/syscalls.exp
107: -qhot -O3 -qarch=ppc -Pv -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; fdpr -R3
146: -O3 -qarch=ppc -qfloat=hsflt -Q -Pk -Wp,-ag=a -lmass -bnso -bI:/lib/syscalls.exp
```

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