SPEC CFP95 Results

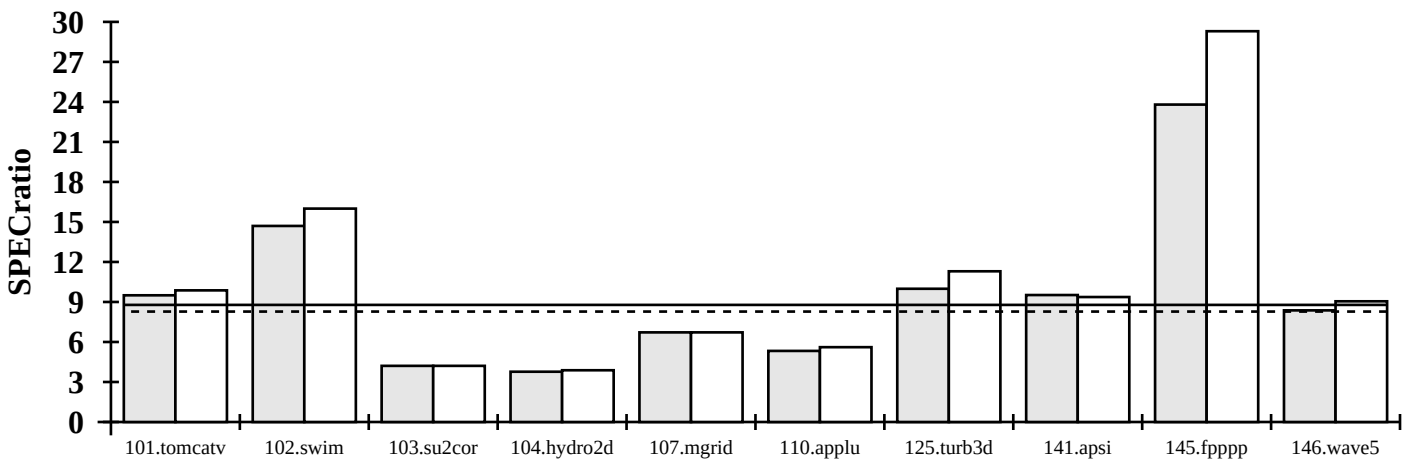
©Copyright 1995, Standard Performance Evaluation Corporation

IBM Corporation
RS/6000 43P-150 (250MHz)

SPECfp95 = 8.78

SPECfp_base95 = 8.28

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Apr-2000	Hardware Avail: May-2000	Software Avail: May-2000



Hardware/Software Configuration for:
RS/6000 43P-150 (250MHz)

Hardware

Model Name:	RS/6000 43P-150 (250MHz)
CPU:	250MHz IBM PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KB I + 32KB D (on chip)
Secondary Cache:	1MB unified (off chip)
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1x4.5GB Ultra SCSI, 7200 RPM
Other Hardware:	None

Software

Operating System:	AIX 4.3.3 plus APAR IY09807
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	390	9.50	375	9.87
102.swim	8600	584	14.7	537	16.0
103.su2cor	1400	333	4.21	333	4.21
104.hydro2d	2400	637	3.77	618	3.88
107.mgrid	2500	372	6.72	372	6.72
110.applu	2200	412	5.33	392	5.61
125.turb3d	4100	410	9.99	364	11.3
141.apsi	2100	221	9.52	224	9.37
145.fpppp	9600	403	23.8	328	29.3
146.wave5	3000	358	8.37	332	9.05
SPECfp_base95 (G. Mean)			8.28		
		SPECfp95 (G. Mean)			8.78

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 info@spec.org http://www.spec.org/