SPEC CFP95 Results

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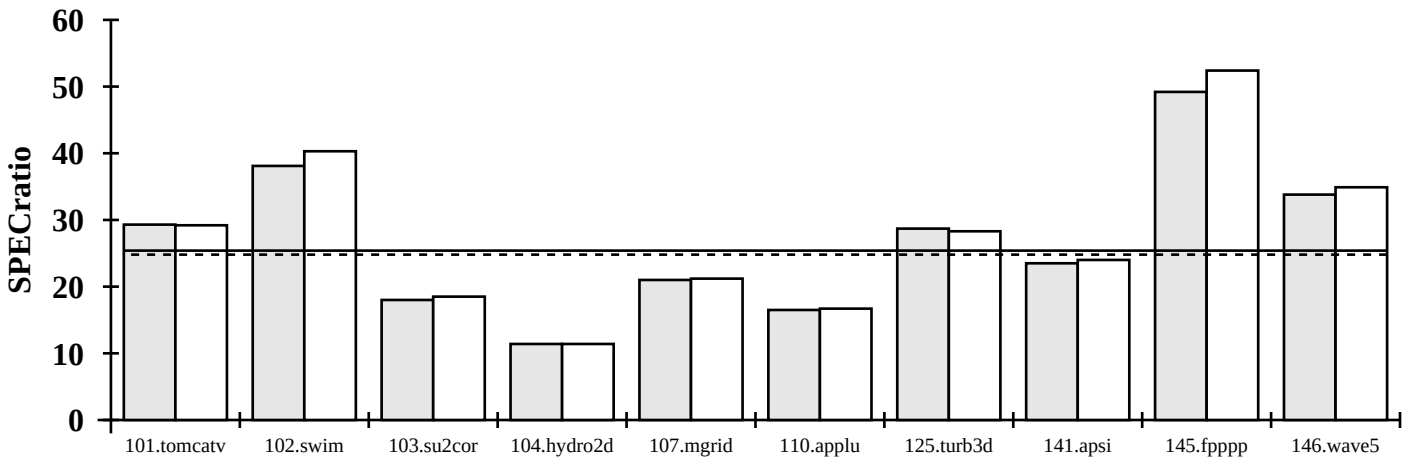
IBM Corporation
RS/6000 Model 7026-H80 (1 CPU)

SPECfp95 = 25.4

SPECfp_base95 = 24.8

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



Hardware/Software Configuration for:
RS/6000 Model 7026-H80 (1 CPU)

Hardware

Model Name:	RS/6000 Model 7026-H80 (1 CPU)
CPU:	450MHz IBM PowerPC RS64-III
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	128KBI+128KBD on chip
Secondary Cache:	2MB(I+D) (off chip, per CPU)
Other Cache:	None
Memory:	2GB
Disk Subsystem:	2x18.2GB 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	126	29.3	127	29.2
102.swim	8600	226	38.1	213	40.3
103.su2cor	1400	77.8	18.0	76	18.5
104.hydro2d	2400	210	11.4	210	11.4
107.mgrid	2500	119	21.0	118	21.2
110.applu	2200	134	16.5	132	16.7
125.turb3d	4100	143	28.7	145	28.3
141.apsi	2100	89.2	23.5	87	24.0
145.fpppp	9600	195	49.2	183	52.4
146.wave5	3000	88.6	33.8	86	34.9
SPECfp_base95 (G. Mean)			24.8		
		SPECfp95 (G. Mean)			25.4

Notes/Tuning Information

```
Base: -O4 -qipa=level=2 -qarch=pwr3 -lmass
Peak:
101: -O4 -qarch=pwr3 -qipa=level=2 -lmass
102: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot -qstrict -qpdf1/pdf2 -lmass
103: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot=arraypad=44
.    -Pv -Wp,-ew,-o -lmass -bnso -bI:/lib/syscalls.exp
104: -O4 -qipa=level=2 -qarch=pwr3 -lmass
107: -O4 -qipa=level=2 -qarch=pwr3 -lmass
110: -O4 -qarch=pwr3 -qipa=level=2:noobject -lmass
125: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qnosave -lmass
141: -O3 -qhot -qtbtable=none -qarch=rs64b -qnosave -Pk -Wp,-r=2,-ag=b,-f
.    -lmass -bnso -bI:/lib/syscalls.exp
145: -O3 -Q -Pv -Wp,-ea27,-o -1 -qnosave -qmaxmem=-1 -qpdf1/2 -lmass
.    -bnso -bI:/lib/syscalls.exp
146: -O3 -qarch=pwr3 -Pk -Wp,-ag=a,-f -qxlf77=nopersistent -lmass
.    -bnso -bI:/lib/syscalls.exp
```