SPEC CFP95 Results

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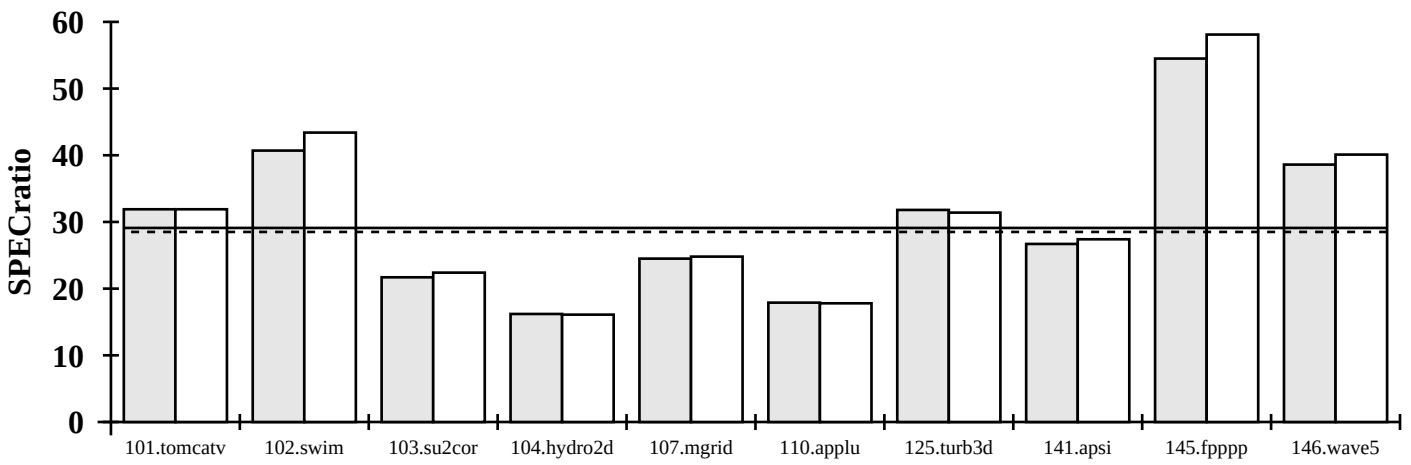
IBM Corporation
RS/6000 Model 7026-M80 (1 CPU)

SPECfp95 = 29.1

SPECfp_base95 = 28.5

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-M80 (1 CPU)

Hardware

Model Name:	RS/6000 Model 7026-M80 (1 CPU)
CPU:	500MHz IBM PowerPC RS64-III
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	128KBI+128KBD on chip
Secondary Cache:	4MB(I+D) (off chip,per CPU)
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2x9.1GB 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	116	31.9	116	31.9
102.swim	8600	211	40.7	198	43.4
103.su2cor	1400	64.7	21.7	62	22.4
104.hydro2d	2400	148	16.2	149	16.1
107.mgrid	2500	102	24.5	101	24.8
110.applu	2200	123	17.9	124	17.8
125.turb3d	4100	129	31.8	131	31.4
141.apsi	2100	78.7	26.7	77	27.4
145.fpppp	9600	176	54.5	165	58.1
146.wave5	3000	77.7	38.6	75	40.1
SPECfp_base95 (G. Mean)			28.5		
		SPECfp95 (G. Mean)			29.1

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
NOTE: 8 CPUs were installed, but 7 were disabled via the service
.    processor setup menu.
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/