SPEC CFP95 Results

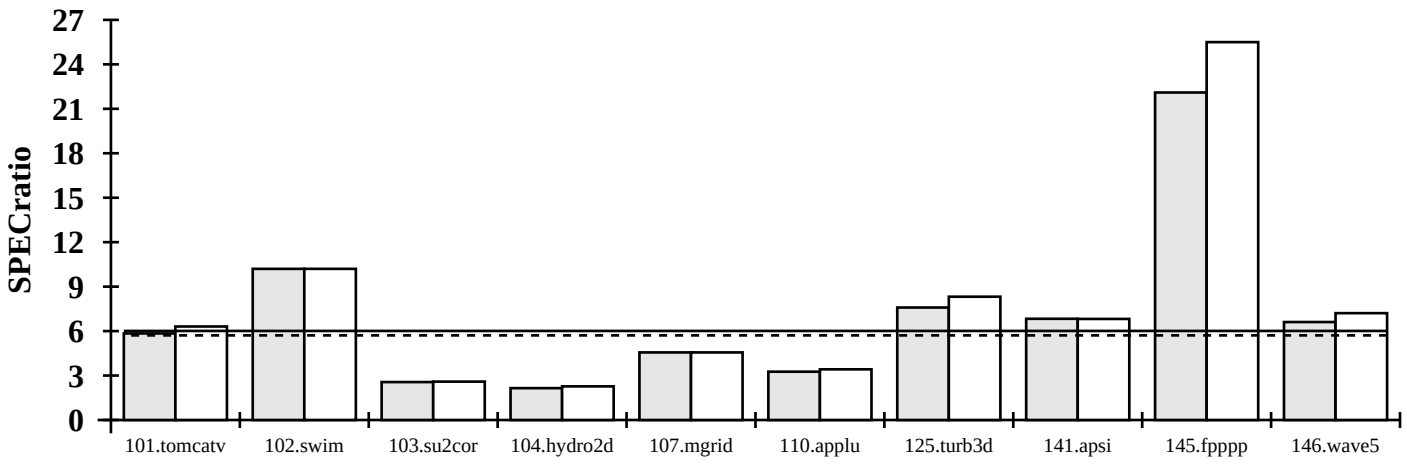
©Copyright 1995, Standard Performance Evaluation Corporation

IBM Corporation
RS/6000 E30 & F30 (233MHz)

SPECfp95 = 6.01

SPECfp_base95 = 5.71

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 E30 & F30 (233MHz)

Hardware

Model Name:	RS/6000 E30 & F30
CPU:	233 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	64MB
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	633	5.84	586	6.31
102.swim	8600	842	10.2	840	10.2
103.su2cor	1400	547	2.56	540	2.59
104.hydro2d	2400	1119	2.15	1059	2.27
107.mgrid	2500	549	4.56	549	4.56
110.applu	2200	675	3.26	643	3.42
125.turb3d	4100	540	7.59	492	8.32
141.apsi	2100	307	6.83	308	6.82
145.fpppp	9600	434	22.1	376	25.5
146.wave5	3000	454	6.61	416	7.21
SPECfp_base95 (G. Mean)			5.71		
		SPECfp95 (G. Mean)			6.01

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;
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@specbench.org
http://www.specbench.org/

-- Prepared By: --