SPEC CFP95 Results

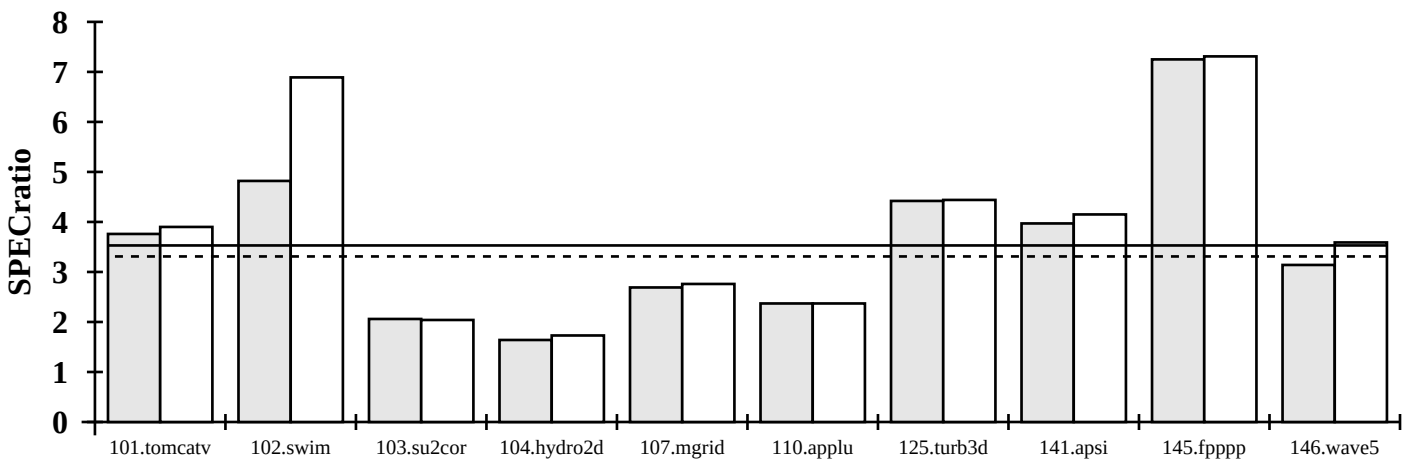
©Copyright 1995, Standard Performance Evaluation Corporation

BULL S.A.
Escala M104

SPECfp95 = 3.53

SPECfp_base95 = 3.31

SPEC license # 20	Tested By: BULL Echirolles France	Test Date: Jan-96	Hardware Avail: Apr-96	Software Avail: Apr-96



Hardware/Software Configuration for:
Escala M104

Hardware

Model Name:	Escala M104
CPU:	112.5MHz PowerPC 604
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI + 16KBD on chip
Secondary Cache:	1MB(I+D) off chip
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 x 2.0GB
Other Hardware:	--

Software

Operating System:	AIX 4.1.4
Compiler:	IBM XL Fortran Ver. 3.2.2.0 KAP for IBM Fortran Ver. 3.1.1
File System:	AIX/JFS
System State:	Multi-User (killall)

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	984	3.76	948	3.90
102.swim	8600	1783	4.82	1249	6.89
103.su2cor	1400	681	2.06	686	2.04
104.hydro2d	2400	1461	1.64	1389	1.73
107.mgrid	2500	930	2.69	905	2.76
110.applu	2200	930	2.37	928	2.37
125.turb3d	4100	928	4.42	924	4.44
141.apsi	2100	529	3.97	506	4.15
145.fpppp	9600	1324	7.25	1314	7.31
146.wave5	3000	955	3.14	836	3.59
SPECfp_base95 (G. Mean)			3.31		
		SPECfp95 (G. Mean)			3.53

Notes/Tuning Information

```
Base flags: -O3 -qarch=ppc -qhsflt -lmass

Peak flags: All use -qarch=ppc and -lmass
101.tomcatv: -O3 -qhsflt -qnofold -Pk -Wp,-ag=a,-ur=9,-ur2=600 -qpdf1/2
102.swim:    -O3 -qtune=604 -qnofold -qhsflt -Pk -Wp,-ag=ab,-o=5,-fuse,-ur=5,-ur2=400
103.su2cor:  -O3 -qtune=604 -qhsflt
104.hydro2d: -O -qtune=604 -qhssngl -qnofold -Pk -Wp,-ag=a,-o=5,-fuse,ur=5 -lblas -qpdf1/2
107.mgrid:   -O3 -qhssngl -Pk -Wp,-ag=ab,-o=5,-fuse,-inline -qpdf1/2
110.applu:   -O -qhsflt -qnofold
125.turb3d:  -O3 -qhssngl
141.apsi:    -O3 -qtune=604 -qhsflt -qnosave -Pk -Wp,-ag=a,-ur=2 -qpdf1/2
145.fpppp:   -O3 -qtune=604 -qhssngl -Pk -Wp,-ag=a,-ur=2
146.wave5:   -O3 -qtune=604 -qhssngl -qnosave -Pk -Wp,-ag=a,-ur=5,-ur2=600
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 22110
(703) 331-0180
info@specbench.org
http://www.specbench.org

-- Prepared By: --