SPEC CFP95 Results

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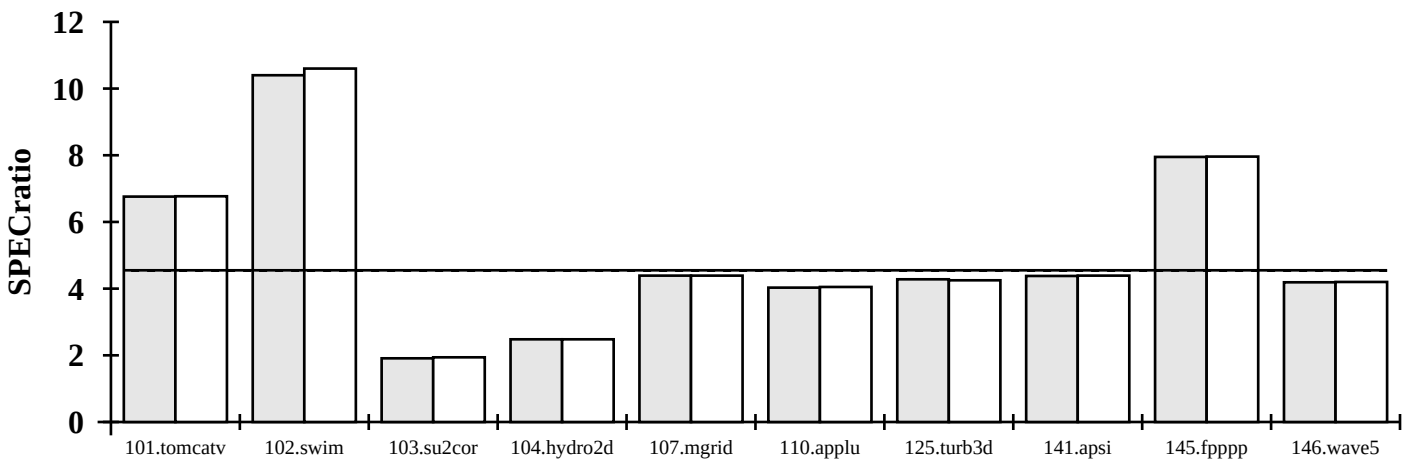
SGI
O2 R5000PC

SPECfp95 = 4.55

SPECfp_base95 = 4.54

SPEC license # 04	Tested By: SGI	Test Date: Oct-96	Hardware Avail: Oct-96	Software Avail: Oct-96



Hardware/Software Configuration for:
O2 R5000PC

Hardware

Model Name:	O2 R5000
CPU:	180MHz R5000PC 1.0
FPU:	R5000PC 1.0
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD
Secondary Cache:	None
Other Cache:	None
Memory:	64MB
Disk Subsystem:	1 SCSI 2GB
Other Hardware:	None

Software

Operating System:	IRIX 6.3 MR
Compiler:	MIPS PRO 7.1 KAP
File System:	XFS
System State:	Single User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	547	6.76	547	6.77
102.swim	8600	825	10.4	815	10.6
103.su2cor	1400	731	1.91	722	1.94
104.hydro2d	2400	968	2.48	968	2.48
107.mgrid	2500	570	4.39	570	4.39
110.applu	2200	546	4.03	543	4.05
125.turb3d	4100	958	4.28	966	4.25
141.apsi	2100	479	4.38	479	4.39
145.fpppp	9600	1207	7.95	1206	7.96
146.wave5	3000	715	4.19	714	4.20
SPECfp_base95 (G. Mean)			4.54		
		SPECfp95 (G. Mean)			4.55

Notes/Tuning Information

```
Base Flags: Ofast=ip32_5k
Peak Flags:
fpppp: -Ofast=ip32_5k -LNO:fusion=2
wave5: -Ofast=ip32_5k -LNO:fusion=2 -TARG:pr=r5000
tomcatv: -O3 -n32 -mips4 -OPT:ro=3 -LNO:fusion=2 -TARG:pr=r5000
swim: -O3 -n32 -mips4 -OPT:ro=3:pad_common -Wl,-ivpad -TARG:pr=r5000
su2cor: -O3 -n32 -mips4 -TENV:X=3 -OPT:ro=3:IEEE_arith=3:unroll_times_max=2:unroll_size=0:unroll_analysis=off -TARG:pr=r5000
hydro2d: -Ofast=ip32_5k -LNO:fusion=2
mgrid: -Ofast=ip32_5k -LNO:fusion=2
applu: -O3 -n32 -mips4 -IPA -OPT:ro=3:div_split -LNO:fusion=2 -TARG:pr=r5000
turb3d: -O3 -n32 -mips4 -OPT:pad_common:ro=3:IEEE_arith=3 -Wl,-ivpad -TARG:pr=r5000
apsi: -O3 -n32 -mips4 -IPA -OPT:div_split -LNO:fusion=2:prefetch=0 -TARG:pr=r5000
```

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: --