SPEC CINT95 Results

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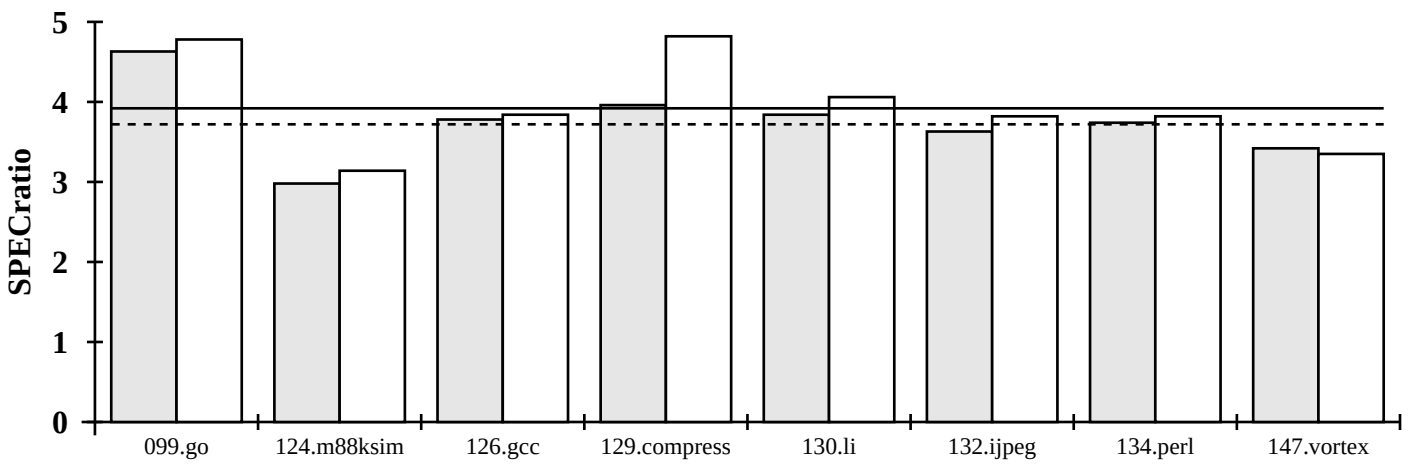
Siemens Nixdorf Informationssysteme RM400 Model C70

SPECint95 = 3.92

SPECint_base95 = 3.72

SPEC license # 22	Tested By: SNI, Paderborn / Germany	Test Date: Sep-95	Hardware Avail: Feb-96	Software Avail: Feb-96



Hardware/Software Configuration for:
RM400 Model C70

Hardware

Model Name:	RM400-C70
CPU:	200 MHz R4400
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	512 MB
Disk Subsystem:	2 x 2 GB (striped)
Other Hardware:	None

Software

Operating System:	SINIX-N V5.42 C 00 (SP)
Compiler:	C-DS V1.1A
File System:	UFS (/tmp as RAM disk)
System State:	Multi User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	992	4.63	963	4.78
124.m88ksim	1900	638	2.98	604	3.14
126.gcc	1700	450	3.78	443	3.84
129.compress	1800	454	3.96	374	4.82
130.li	1900	495	3.84	468	4.06
132.ijpeg	2400	661	3.63	628	3.82
134.perl	1900	507	3.74	498	3.82
147.vortex	2700	790	3.42	806	3.35
SPECint_base95 (G. Mean)			3.72		
		SPECint95 (G. Mean)			3.92

Notes/Tuning Information

```
Baseline, all benchmarks: -O4 -Knopic
Peak flags:
099: -O4 -Knopic -WM,-G1799 -Wc,-afep,3
124: -O4 -Knopic -Wm,-i,"m88ksim-5-24.fb"
126: -O4 -Kold -WM,-G16 -Knoinline -Krostr -Kroconst -Wc,-afep,4
129: -O4 -Kold -WM,-G1599 -Krostr -Kroconst -Wm,-i,"compress-7-8.fb"
130: -O4 -Knopic -WM,-G1599 -Wm,-i,"li-10-20.fb"
132: -O4 -Kold -WM,-G1599 -Wo,-docodehoist -Wm,-i,"ijpeg-5-20.fb"
134: -O4 -Knopic
147: -O4 -Kold -WM,-G4 -Krostr -Kroconst
```

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