SPEC CINT95 Results

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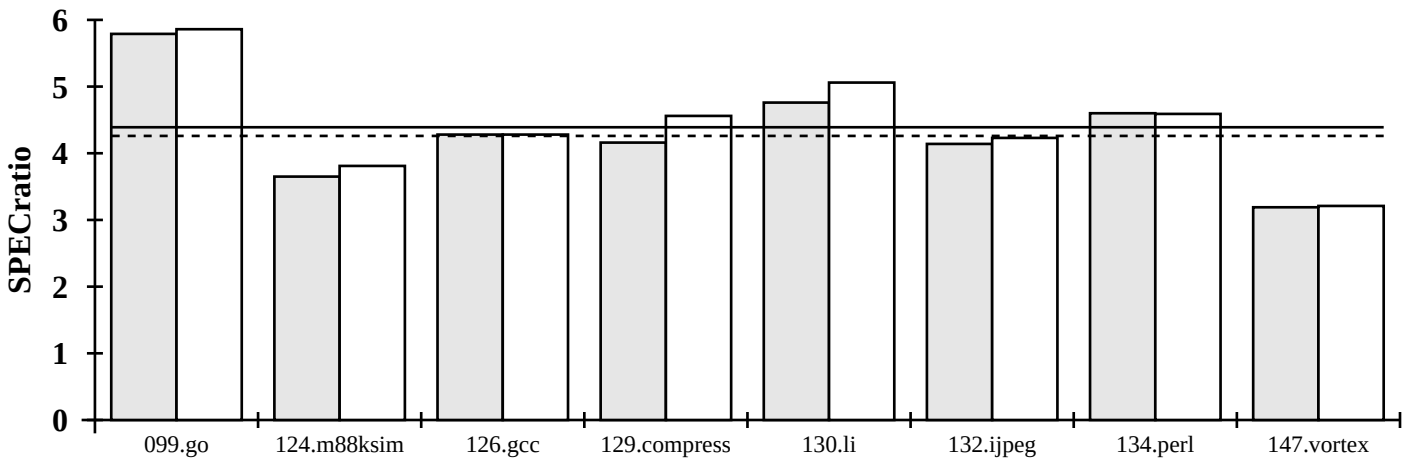
Siemens Nixdorf Informationssysteme RM600 Model 420

SPECint95 = 4.39

SPECint_base95 = 4.26

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



Hardware/Software Configuration for:
RM600 Model 420

Hardware

Model Name:	RM600-420
CPU:	250 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:	128 MB
Disk Subsystem:	4 x 2 GB (striped)
Other Hardware:	None

Software

Operating System:	SINIX-Y V5.43 A 00
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	795	5.79	785	5.86
124.m88ksim	1900	520	3.65	499	3.81
126.gcc	1700	398	4.28	397	4.28
129.compress	1800	433	4.16	395	4.56
130.li	1900	399	4.76	375	5.06
132.ijpeg	2400	579	4.14	567	4.23
134.perl	1900	413	4.60	414	4.59
147.vortex	2700	847	3.19	841	3.21
SPECint_base95 (G. Mean)			4.26		
		SPECint95 (G. Mean)			4.39

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
```