SPEC CINT95rate Results

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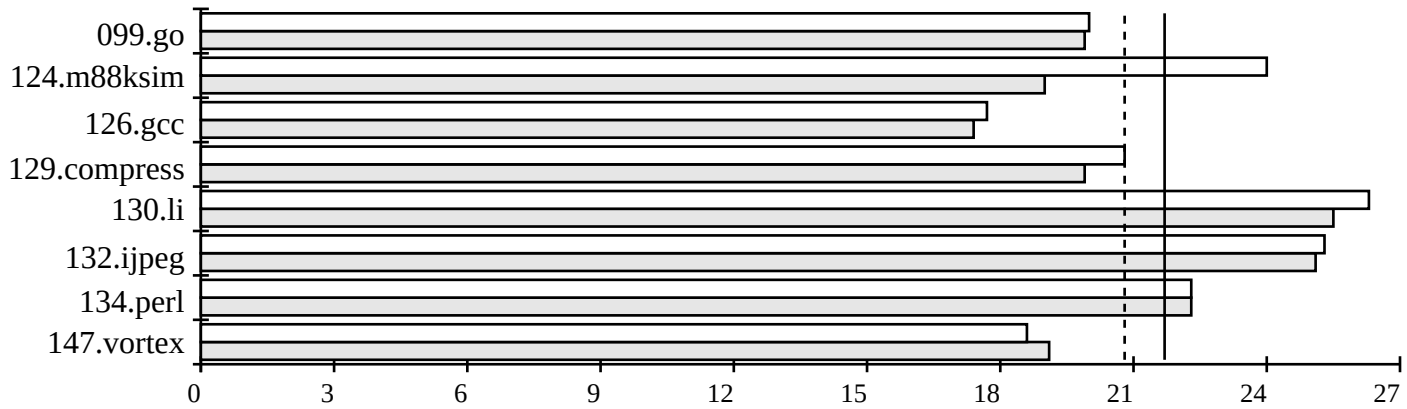
Siemens Nixdorf Informationssysteme RM200 Model 225

SPECint_rate95 = 21.7

SPECint_rate_base95 = 20.8

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



Hardware/Software Configuration for:
RM200 Model 225

Hardware

Model Name:	RM200-225
CPU:	133 MHz R4600
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	None
Other Cache:	None
Memory:	64 MB
Disk Subsystem:	2 x 1 GB (striped)
Other Hardware:	None

Software

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

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	2083	19.9	1	2069	20.0
124.m88ksim	1	899	19.0	1	714	24.0
126.gcc	1	880	17.4	1	867	17.7
129.compress	1	815	19.9	1	780	20.8
130.li	1	670	25.5	1	649	26.3
132.ijpeg	1	862	25.1	1	854	25.3
134.perl	1	765	22.3	1	765	22.3
147.vortex	1	1273	19.1	1	1306	18.6
SPECint_rate_base95 (G. Mean)			20.8			
SPECint_rate95 (G. Mean)						21.7

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-19-26.fb"
132: -O4 -Kold -WM,-G1599 -Wo,-docodehoist -Wm,-i,"ijpeg-5-20.fb"
134: -O4 -Knopic
147: -O4 -Kold -WM,-G4 -Krostr -Kroconst
```