SPEC CINT95rate Results

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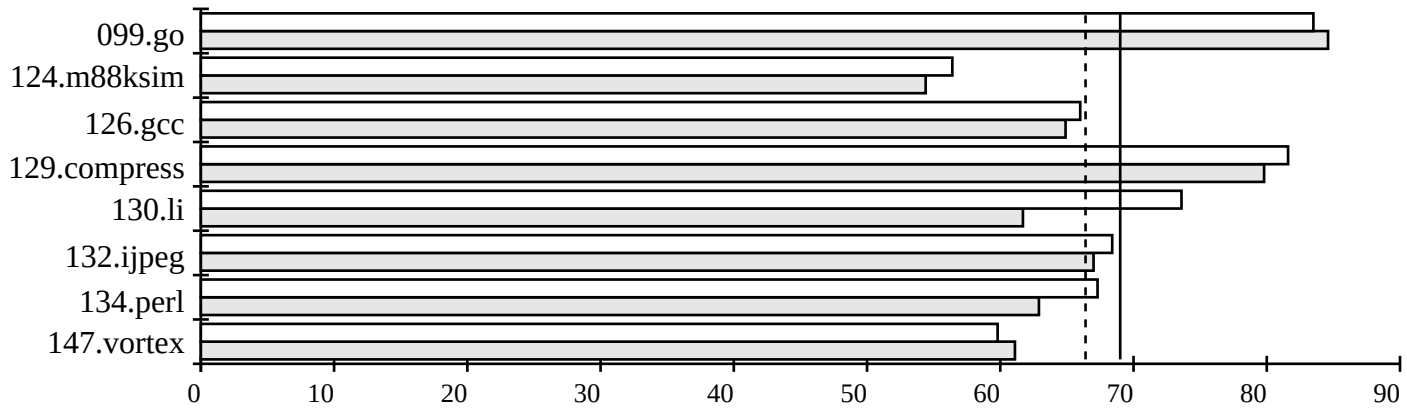
Siemens Nixdorf Informationssysteme RM400 Model 730

SPECint_rate95 = 69.0

SPECint_rate_base95 = 66.4

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



Hardware/Software Configuration for:
RM400 Model 730

Hardware

Model Name:	RM400-730
CPU:	200 MHz R4400
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip per CPU
Other Cache:	None
Memory:	128 MB
Disk Subsystem:	4 x 1 GB (striped)
Other Hardware:	None

Software

Operating System:	SINIX-N V5.42 C 00 (MP)
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	2	979	84.6	2	991	83.5
124.m88ksim	2	628	54.4	4	1212	56.4
126.gcc	2	472	64.9	3	696	66.0
129.compress	2	406	79.8	3	596	81.6
130.li	2	554	61.7	2	465	73.6
132.ijpeg	2	645	67.0	2	632	68.4
134.perl	2	544	62.9	4	1016	67.3
147.vortex	2	795	61.1	6	2438	59.8
SPECint_rate_base95 (G. Mean)			66.4			
SPECint_rate95 (G. Mean)						69.0

Notes/Tuning Information

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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
```