SPEC CINT95rate Results

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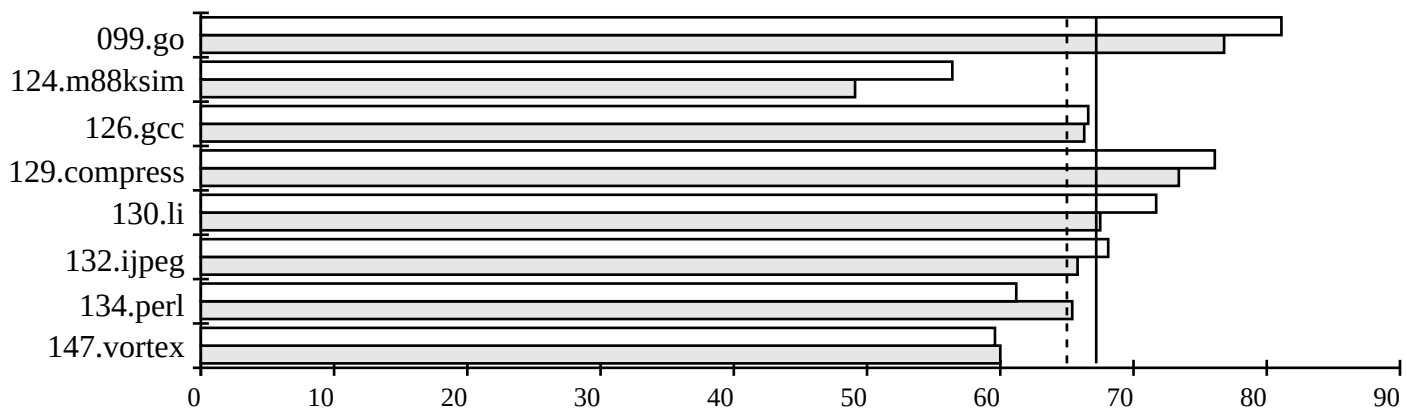
Siemens Nixdorf Informationssysteme RM400 Model C70 and C72

SPECint_rate95 = 67.2

SPECint_rate_base95 = 65.0

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



Hardware/Software Configuration for:
RM400 Model C70 and C72

Hardware

Model Name:	RM400-C70/-C72
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:	512 MB
Disk Subsystem:	2 x 2 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	4	2155	76.8	2	1021	81.1
124.m88ksim	4	1394	49.1	2	606	56.4
126.gcc	4	924	66.3	4	919	66.6
129.compress	4	883	73.4	4	852	76.1
130.li	4	1013	67.5	4	954	71.7
132.ijpeg	4	1313	65.8	2	634	68.1
134.perl	4	1046	65.4	2	558	61.2
147.vortex	4	1620	60.0	2	815	59.6
SPECint_rate_base95 (G. Mean)			65.0			
			SPECint_rate95 (G. Mean)			67.2

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
```