SPEC CINT95rate Results

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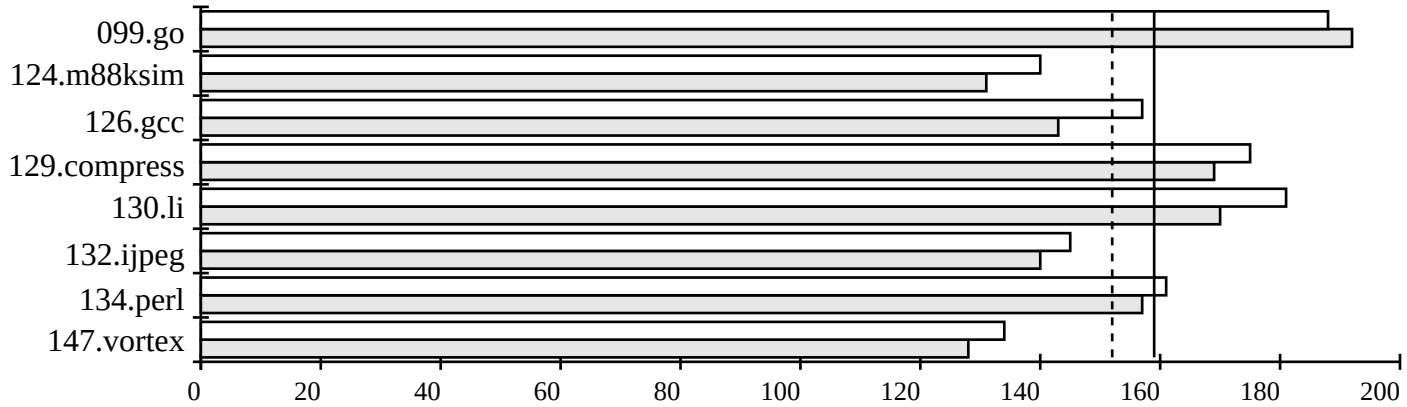
Siemens Nixdorf Informationssysteme RM600 Model 720

SPECint_rate95 = 159

SPECint_rate_base95 = 152

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



Hardware/Software Configuration for:
RM600 Model 720

Hardware

Model Name:	RM600-720
CPU:	250 MHz R4400
FPU:	Integrated
Number of CPU(s):	4
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip per CPU
Other Cache:	None
Memory:	512MB
Disk Subsystem:	16 x 2 GB (striped)
Other Hardware:	None

Software

Operating System:	SINIX-Y V5.43 B 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	4	863	192	4	883	188
124.m88ksim	4	524	131	8	980	140
126.gcc	4	429	143	8	780	157
129.compress	4	383	169	4	370	175
130.li	4	402	170	8	755	181
132.ijpeg	4	619	140	4	595	145
134.perl	4	437	157	4	425	161
147.vortex	4	761	128	4	726	134
SPECint_rate_base95 (G. Mean)			152			
SPECint_rate95 (G. Mean)						159

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
```

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-- Prepared By: --