SPEC CINT95rate Results

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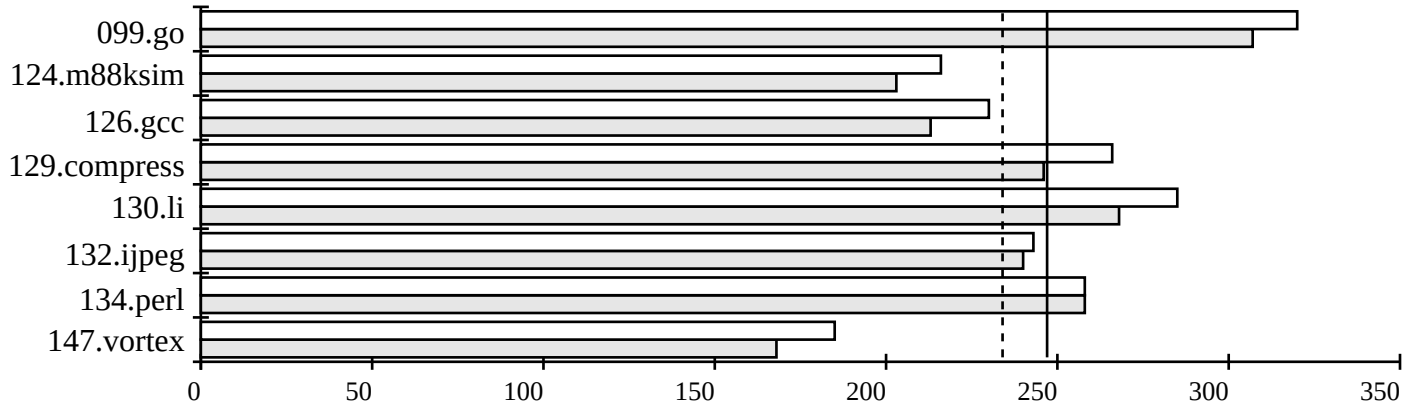
Siemens Nixdorf Informationssysteme RM600 Model 340

SPECint_rate95 = 247

SPECint_rate_base95 = 234

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



Hardware/Software Configuration for:
RM600 Model 340

Hardware

Model Name:	RM600-340
CPU:	200 MHz R4400
FPU:	Integrated
Number of CPU(s):	8
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip per CPU
Other Cache:	None
Memory:	1024 MB
Disk Subsystem:	6 x 1 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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	8	1079	307	11	1425	320
124.m88ksim	8	674	203	8	633	216
126.gcc	8	574	213	15	996	230
129.compress	8	528	246	8	487	266
130.li	8	511	268	8	479	285
132.ijpeg	8	720	240	8	710	243
134.perl	8	529	258	12	794	258
147.vortex	8	1158	168	16	2103	185
SPECint_rate_base95 (G. Mean)			234			
SPECint_rate95 (G. Mean)						247

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-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
```