SPEC CINT95rate Results

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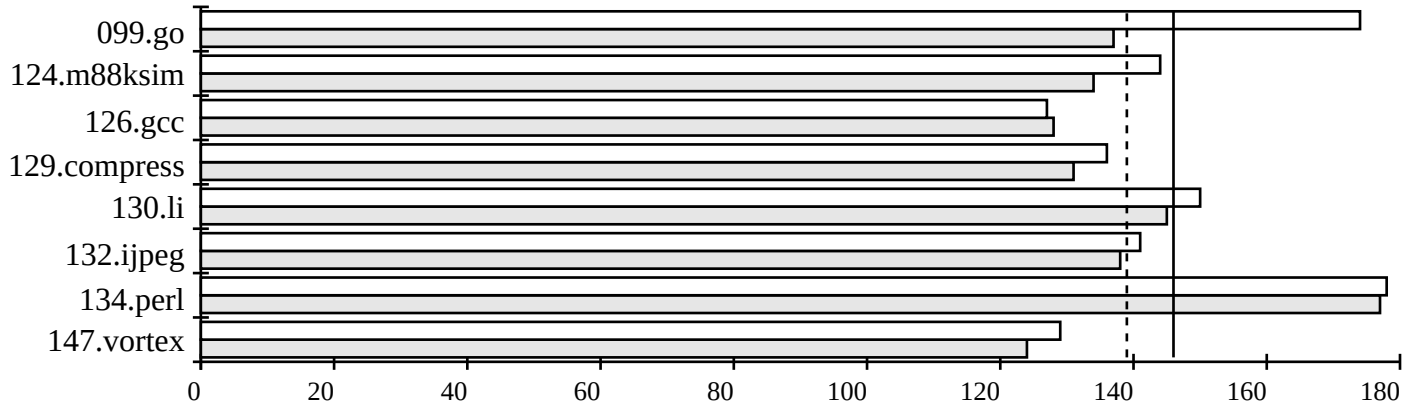
Siemens Nixdorf Informationssysteme RM400 Model C72

SPECint_rate95 = 146

SPECint_rate_base95 = 139

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



Hardware/Software Configuration for:
RM400 Model C72

Hardware

Model Name:	RM400-C72
CPU:	200 MHz R4400
FPU:	Integrated
Number of CPU(s):	4
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	4 x 2 GB (striped)
Other Hardware:	None

Software

Operating System:	Reliant UNIX (RM400) 5.43 B 00 (MP)
Compiler:	C-DS 1.2A
File System:	UFS
System State:	Multi User

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	4	1206	137	4	950	174
124.m88ksim	4	509	134	4	476	144
126.gcc	4	477	128	4	484	127
129.compress	4	495	131	4	476	136
130.li	4	473	145	4	456	150
132.ijpeg	4	624	138	4	611	141
134.perl	4	387	177	4	383	178
147.vortex	4	784	124	4	756	129
SPECint_rate_base95 (G. Mean)			139			
			SPECint_rate95 (G. Mean)			146

Notes/Tuning Information

```
Baseline:
PASS1_CFLAGS = qfeedback -FX -FI -Wo,-loopunroll:8
PASS2_CFLAGS = -FX -FI -WM,-O5 -Wo,-loopunroll:8
PEAK:
PASS1_CFLAGS = same as Baseline
PASS2_CFLAGS = All benchmarks: -FX -FI -WM,-O5 ; Additional flags:
099: -WM,-G1799 -Wc,-afep,4 -Wm,-no_inlining -Wo,-loopunroll:8
124: same as Baseline
126: -WM,-G44 -Wc,-afep,4 -Wo,-loopunroll:100
129: -WM,-G4000 -Wo,-loopunroll:4
130: -WM,-G44 -Wc,-afep,6 -Wo,-unrolllimit:2000
132: -WM,-G44 -Wc,-afep,4 -Wo,-loopunroll:10 -Wo,-unrolllimit:2000
134: -WM,-G44 -Wo,-loopunroll:8
147: -WM,-G44 -Wo,-loopunroll:8
```

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-- Prepared By: --