SPEC CINT95 Results

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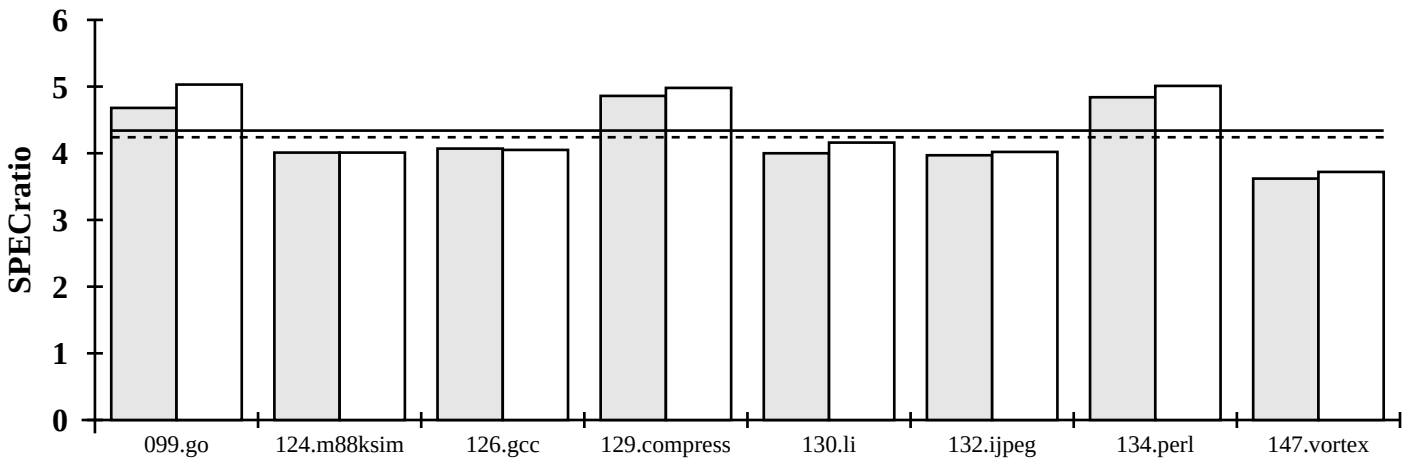
Siemens Nixdorf Informationssysteme RM400 Model C70

SPECint95 = 4.34

SPECint_base95 = 4.24

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 C70

Hardware

Model Name:	RM400-C70
CPU:	200 MHz R4400
FPU:	Integrated
Number of CPU(s):	1
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 (SP)
Compiler:	C-DS 1.2A
File System:	UFS (/var/tmp as RAM disk)
System State:	Multi User

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	983	4.68	915	5.03
124.m88ksim	1900	474	4.01	474	4.01
126.gcc	1700	417	4.07	420	4.05
129.compress	1800	370	4.86	362	4.98
130.li	1900	475	4.00	457	4.16
132.ijpeg	2400	604	3.97	596	4.02
134.perl	1900	392	4.84	380	5.01
147.vortex	2700	747	3.62	727	3.72
SPECint_base95 (G. Mean)			4.24		
		SPECint95 (G. Mean)			4.34

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 -WM,-no_inlining -Wc,-afep,2 -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: --