# SPEC CINT95rate Results

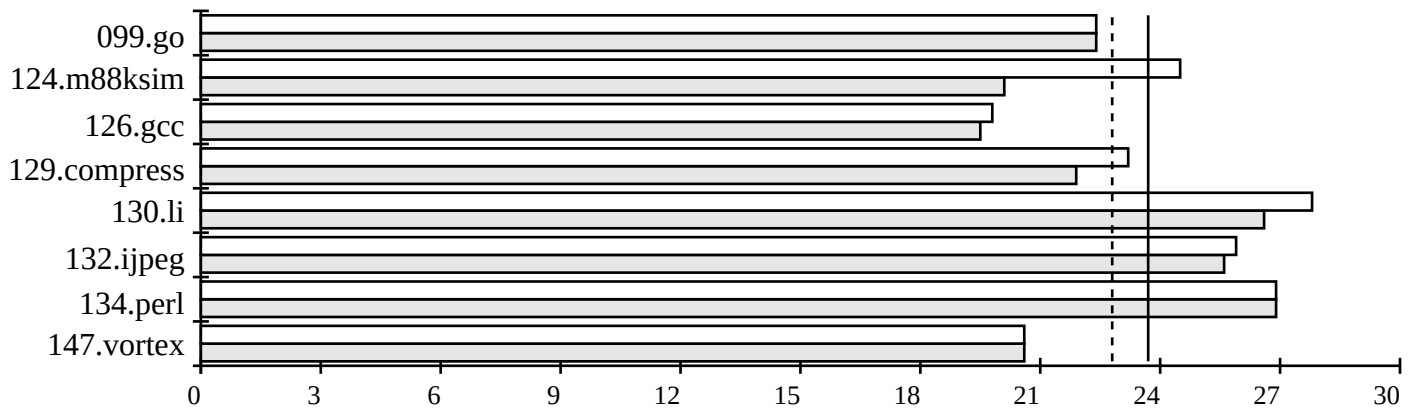
©Copyright 1995, Standard Performance Evaluation Corporation

## Siemens Nixdorf Informationssysteme RM200 and RM300 Model C20

SPECint_rate95 = 23.7

SPECint_rate_base95 = 22.8

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




Hardware/Software Configuration for:
RM200 and RM300 Model C20

**Hardware**

| | |
|---|---|
| Model Name: | RM200/RM300-C20 |
| CPU: | 133 MHz R4600 |
| FPU: | Integrated |
| Number of CPU(s): | 1 |
| Primary Cache: | 16KBI+16KBD on chip |
| Secondary Cache: | None |
| Other Cache: | None |
| Memory: | 64 MB |
| Disk Subsystem: | 2 x 2 GB (striped) |
| Other Hardware: | None |

**Software**

| | |
|---|---|
| Operating System: | SINIX-N V5.42 C 00 (SP) |
| Compiler: | C-DS V1.1A |
| File System: | VxFS (/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 | 1 | 1846 | 22.4 | 1 | 1850 | 22.4 |
| 124.m88ksim | 1 | 851 | 20.1 | 1 | 697 | 24.5 |
| 126.gcc | 1 | 786 | 19.5 | 1 | 772 | 19.8 |
| 129.compress | 1 | 739 | 21.9 | 1 | 698 | 23.2 |
| 130.li | 1 | 643 | 26.6 | 1 | 615 | 27.8 |
| 132.ijpeg | 1 | 843 | 25.6 | 1 | 832 | 25.9 |
| 134.perl | 1 | 635 | 26.9 | 1 | 635 | 26.9 |
| 147.vortex | 1 | 1177 | 20.6 | 1 | 1179 | 20.6 |
| SPECint_rate_base95 (G. Mean) | | | 22.8 | | | |
| SPECint_rate95 (G. Mean) | | | | | | 23.7 |

### 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
```