

## Knowledge article

### ARM And RISC-V Cores

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# ARM And RISC-V Core

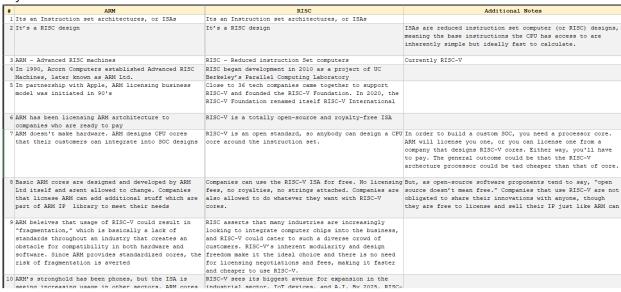
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This article talks about "Lichee RV-86 RISC-V Linux 4-inch panel targets home automation, HMI applications". This hardware is said to cost between 39\$ to 98\$ and uses RISC-V processor core from vendor named AllWinner.

I did some basic study to compare and understand ARM and RISC-V offerings and here are my notes around same.













Managed By	ARM Inc.	RISC-V Foundation
Instruction Set	A64	
Architecture	load-store	load-store

## Conclusion **©**

It is hard to predict the future but one can undoubtedly say, the future is RISC machines be it in the form of ARM in every mobile phone or RISC-V in every other device. For the short term future, ARM has big corporate backers while RISC-V is generating interest from every other company that needs low-cost custom solutions like Internet of Things manufacturers, cloud computing operators or even universities doing their research works. It is no wonder that some big tech giants are interested in RISC-V designs.

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