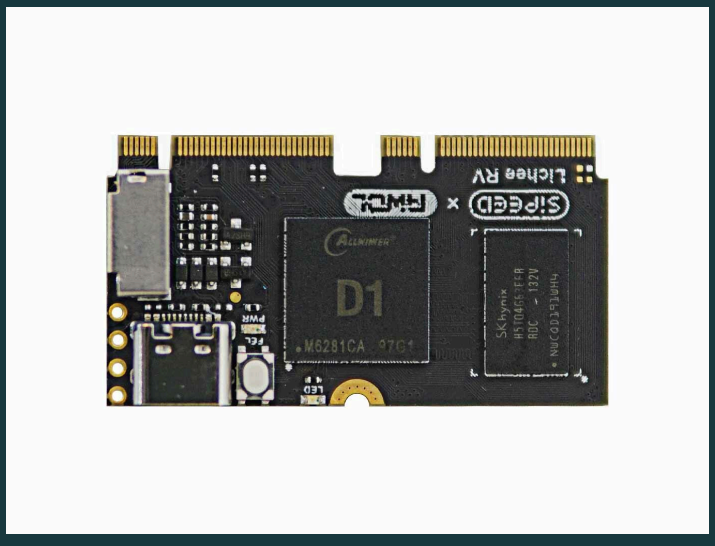
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INDUSTRIAL PRODUCT DATASHEET

lichee RV-Nezha CM Allwinner D1 SoC with 1.14 Inch SPI LCD - Supported Linux

A Linux-supported module powered by Allwinner D1 RISC-V SoC with HiFi4 DSP and 1.14-inch SPI LCD, targeting intelligent interaction, voice, home connect, control, and smart robot applications.

SKU	UPDATED	PRICE
102110647	2025-11-04 10:24:11	$22.00(Excl. VAT)



Overview



The lichee RV-Nezha CM module integrates the Allwinner D1 SoC with a 1GHz RISC-V XuanTie C906 core, support for Linux, and an embedded HiFi4 DSP capable of 4K H.265/H.264 decoding. It features 512MB DDR3, SPI LCD connectivity, and flexible boot options, designed for applications such as intelligent interaction, intelligent voice, home connect, intelligent control, and smart robot.

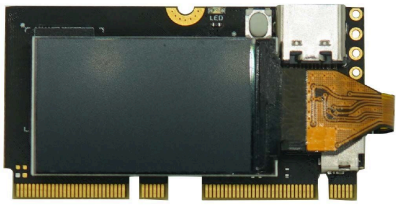
Key Features

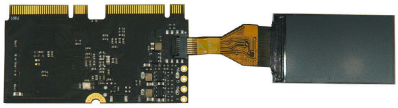
- Main CPU: Allwinner D1, single RV64GCV core XuanTie C906 from T-Head semiconductor operating at 1GHz
- Embedded HiFi4 DSP: 4K H.265/H.264 decoding supported
- Linux system Supported: WAFT development environment
- Onboard 512MB DDR3 DRAM，Reserved SD NAND pad
- Onboard PMU, support stand-alone operation without baseboard
- Double M.2 gold finger connector for GPIO breakout
- Onboard TF card socket, boot from TF card by default
- Onboard FEL button and USB Type-c OTG
- Onboard user LED
- Onboard 8-pin connector, support 1.14 Inch SPI LCD(optional)

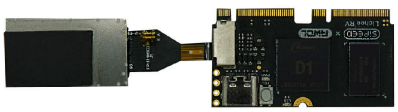
Product Gallery

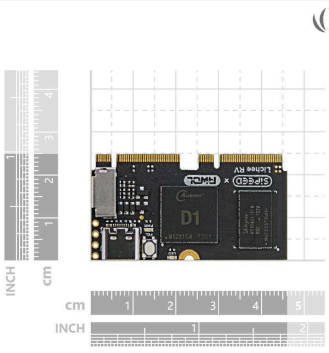












Applications

- **Intelligent Interaction**
- **Intelligent Voice**
- **Home Connect**
- **Intelligent Contro**
- **Smart Robot**

Part List

1.14 inch LCD display	x1
Type-C cable	x1
4 Pins Header	x1
Lichee RV-Nezha CM	x1

Compliance & Logistics



HSCODE	8517180050
USHSCODE	8517180050
UPC	
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/lichee-RV-Nezha-CM-Allwinner-D1-SoC-1-14-Inch-SPI-LCD-p-5254.html

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