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INDUSTRIAL PRODUCT DATASHEET

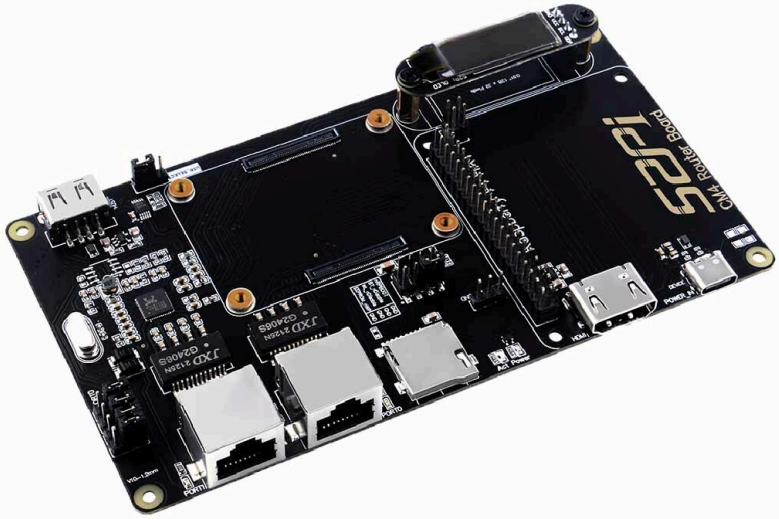
Raspberry Pi Router Board for CM4 module (with two full-speed gigabit network ports, low cost, Wifi and working as a router with Openwrt)

CM4 Router Board is an expansion board based on the Raspberry Pi Compute Module 4.

SKU	UPDATED	PRICE
103110042	2026-11-11 08:45:03	$54.90(Excl. VAT)



Overview



CM4 Router Board is an expansion board based on the Raspberry Pi Compute Module 4. It brings Raspberry Pi CM4 two full-speed gigabit network ports and the "RTL8111E" controller chip offers better performance, lower CPU usage, and higher stability for a long time of work compared with a USB network card.

Key Features

01 **Powerful chip**

High-performance Gigabit ethernet controller RTL8111E chip, JXD 2111x G2406s chip as an isolation transformer

02 **Highly scalable with rich IO peripherals**

Master-slave dual USB2.0, Micro-SD card slot, micro-HDMI interface, 5V DC Fan interface, etc

03 **User-friendly development environment**

Provides OpenWRT open-source router system, compatible with Raspberry OS, Ubuntu Server, and other Raspberry Pi systems

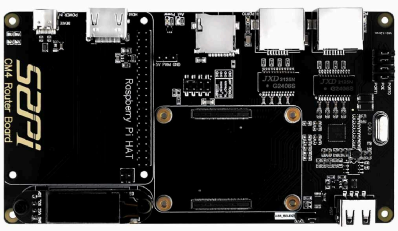
04 **Controllable speed of fan**

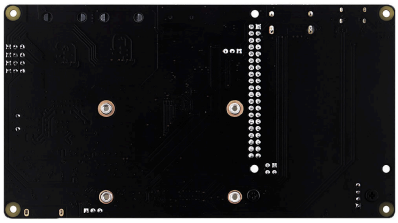
5V DC Fan interface supports 5V cooling fan and also PWM protocol, which means you can control the speed of fan blades via PWM signal

05 **Multi-function**

Build high-performance gateways, smart routers, and home IoT platforms, or used as a mini-NAS, wireless network bridge, or mini server

Product Gallery







Applications

- Smart Office
- Smart Home
- IoT
- mini Server

Resource Links

- https://www.seeedstudio.com/CM4-Router-Board-p-5211.html
- CM4 Router Board pin description.pdf
- Software&Openwrt.pdf

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