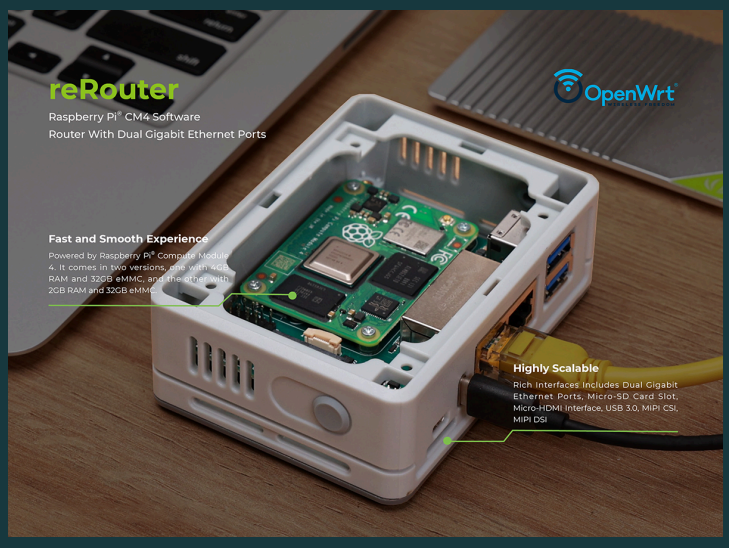
seeed studio

INDUSTRIAL PRODUCT DATASHEET

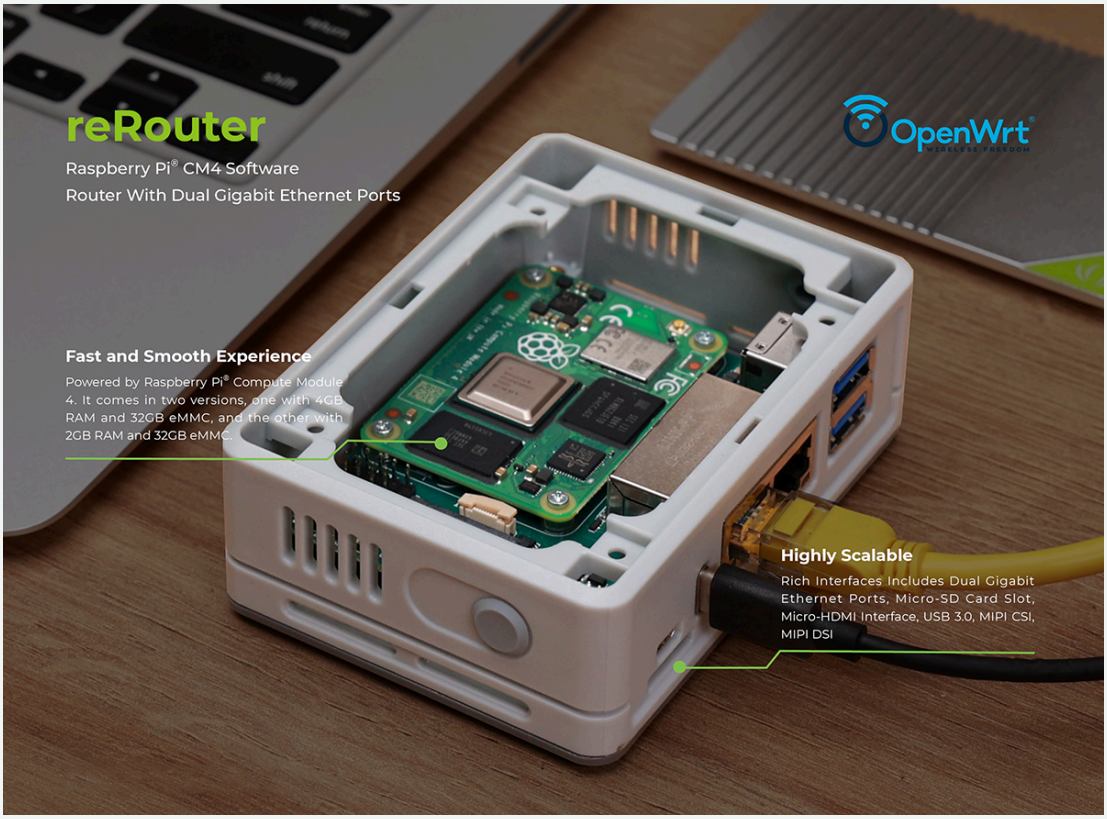
reRouter CM4 1432 - Raspberry Pi Based Mini Router, Travel Router, Dual Gigabit Ethernet, OpenWRT OS

reRouter CM4 1432: a Raspberry Pi CM4-powered mini router with dual Gigabit Ethernet, pre-installed OpenWRT, and compact DIN-rail mountable design for software router, IoT, smart home, and camera applications.

SKU	UPDATED	PRICE
110110110	2026-08-14 07:21:11	$246.40(Excl. VAT)



Overview



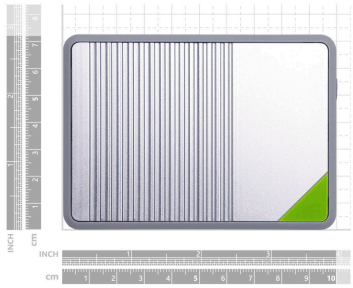
The reRouter CM4 1432 is a compact Raspberry Pi CM4-based mini router with 4GB RAM/32GB eMMC, dual Gigabit Ethernet, dual USB 3.0, and rich I/O in a 75x64x21mm form factor. It comes pre-installed with OpenWRT and supports DIN rail or keyhole mounting for easy deployment in software router, IoT, smart home, and camera-related projects.

Key Features

- **Fast boot times and smooth overall experience:** Powered by Raspberry Pi Compute Module 4 and 4GB RAM/32GB eMMC
- **Compact and highly integrated:** 75x64x21mm in size, with dual Gigabit Ethernet ports and dual USB3.0 ports
- **Highly scalable with rich IO peripherals:** dual Gigabit Ethernet connectors, Micro-SD card slot, micro-HDMI interface, USB 3.0, MIPI CSI, MIPI DSI, etc.
- **Easy to deploy with stability:** DIN rail mount and keyhole slot allow you to hang it anywhere
- **Pre-installed OpenWRT firmware:** Out of the box, can easily implement software router applications
- **Customization Supported**: Contact *edge@seeed.cc* for your customization needs

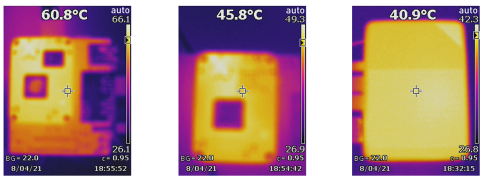
Product Gallery







A PC/ABS case with an Aluminum alloy on top for better protection and industrial application

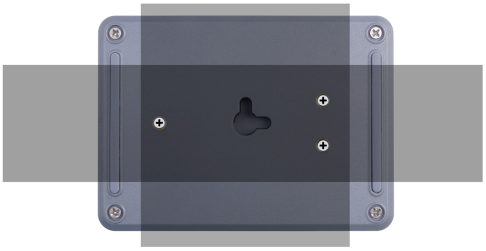


Carrier Board with CM4 | IO Board with CM4 | Carrier Board with CM4 and Aluminum Case

Wall Mount (horizontal and vertical orientations)



DIN Rail Mount



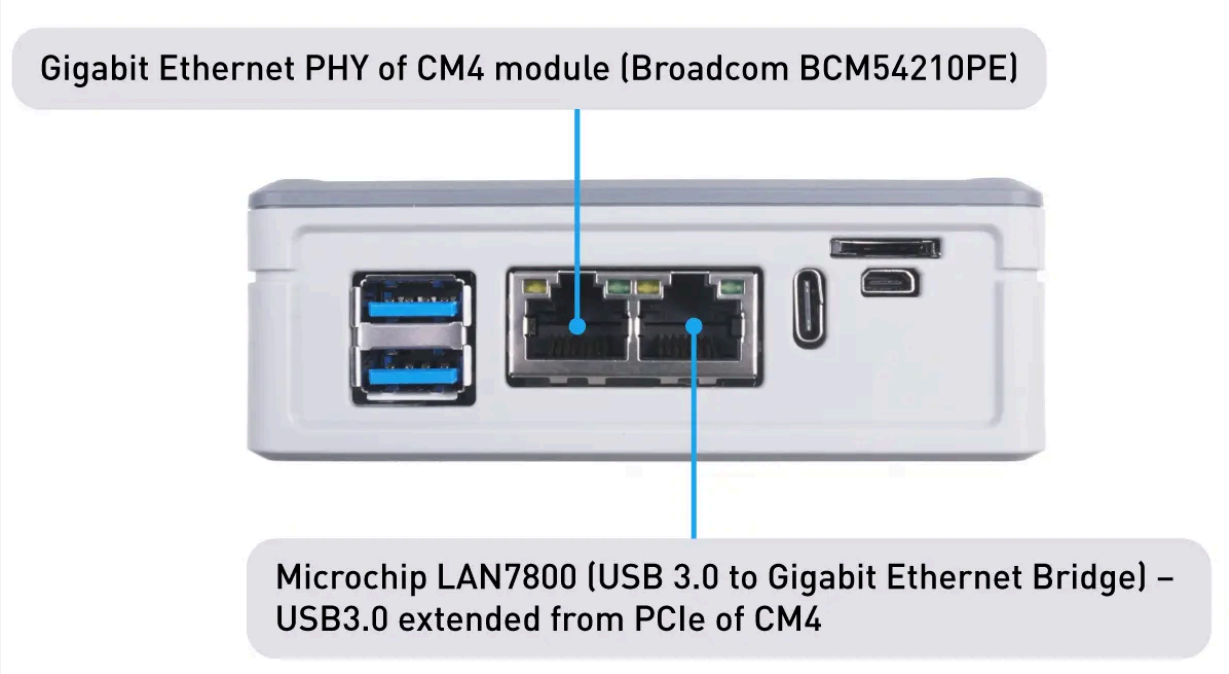
Specification

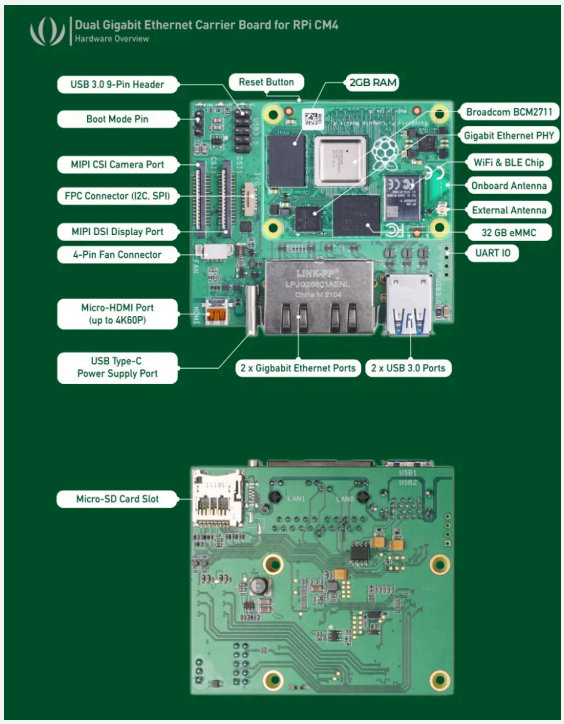
Specification	Details
Networking	Dual Gigabit Ethernet Connectors

USB 3.0 to GbE (Gigabit Ethernet Bridge)	Microchip's LAN7800
USB	2 x USB 3.0 Ports 1 x USB 3.0 9-Pin Header
Storage	Micro-SD Card Slot (load system Image for non-eMMC CM4 version)
Camera	1 x MIPI CSI Connector
Display	1 x MIPI DSI Connector 1 x Micro HDMI Connector
FPC	Interface for I2C and SPI
External Fan	Power connector for fan
Power	5V/3A using USB Type-C Port
LAN7800 Industrial Temperature Range	-40°C to +85°C
Dimensions	75x64x21mm
Weight	43g

Specification	Details
Processor	Broadcom BCM2711 quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
Memory	4GB LPDDR4
Storage	32GB eMMC
Connectivity	2.4GHz and 5.0GHz IEEE 802.11b/g/n/ac Wi-Fi, Bluetooth 5.0, BLE with onboard and external antenna options
	Onboard Gigabit Ethernet PHY supporting IEEE1588
	1 × USB 2.0 interface
	PCIe Gen 2 x1 interface
	28 GPIO signals
	SD card interface for SD card or external eMMC
Video	Dual HDMI interface (up to 4Kp60 supported)
	2-lane MIPI DSI display interface
	2-lane MIPI CSI camera interface
	4-lane MIPI DSI display interface
	4-lane MIPI CSI camera interface
Multimedia	H.265 (4Kp60 decode); H.264 (1080p60 decode, 1080p30 encode); OpenGL ES 3.0 graphics
Input power	5V DC
Operating temperature	0 to +80°C
Dimensions	55 mm × 40 mm
Production lifetime	Raspberry Pi Compute Module 4 will remain in production until at least January 2034
Compliance	Full list of local and regional product approvals

Hardware Overview





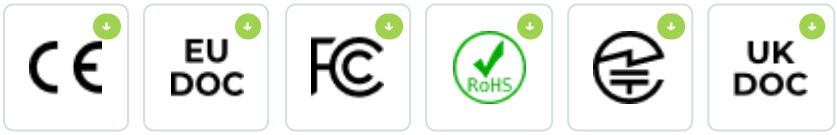
Applications

- **Software Router**
- **IoT applications**
- **Smart Home**
- **Camera / Video-related Projects**

Part List

Dual Gigabit Ethernet Carrier Board for Raspberry Pi CM4 with 4GB RAM, 32GB eMMC	1
Aluminum Case	1
International Wall Adapter Power Supply 5VDC 4A – Type-C (with US/AU/UK/EU plugs)	1

Compliance & Logistics



HSCODE	8471419000
USHSCODE	8517620020
UPC	
EUHSCODE	8471707000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- https://www.seeedstudio.com/Dual-GbE-Carrier-Board-with-4GB-RAM-32GB-eMMC-RPi-CM4-Case-p-5029.html
- Schematics
- Microchip LAN7800 Datasheet
- Seeed's Raspberry Pi-based Success Cases
- SeeedRasperryPiFlyer

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