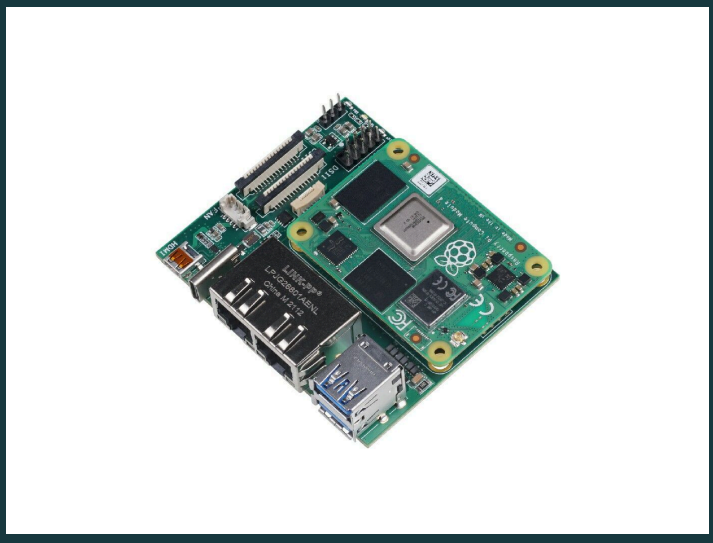
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Dual Gigabit Ethernet NICs CM4 Carrier Board for Raspberry Pi CM4 with 4GB RAM/ 32GB eMMC

The Dual Gigabit Carrier Board designed for Raspberry Pi Compute Module 4 is equipped with Dual Gigabit Ethernet ports and dual USB 3.0 ports, making it suitable for soft router applications.

SKU	UPDATED	PRICE
110110090	2026-11-11 08:38:08	$135.00(Excl. VAT)



Overview



The Dual Gigabit Carrier Board designed for Raspberry Pi Compute Module 4 is equipped with Dual Gigabit Ethernet ports and dual USB 3.0 ports, making it suitable for soft router applications. We have pre-installed a Raspberry Pi Compute Module 4 with 4GB RAM and 32GB eMMC to enable fast boot-up times and a smooth overall experience.This CM4 carried board is ideal for HTPC makers, Linux developers, software router enthusiasts, and the majority of regular Raspberry Pi users.

Key Features

01 Pre-installed a Raspberry Pi Compute Module 4 (CM4) with 4GB RAM and 32GB eMMC

02 Supports up to 8GB of 32GB of eMMC storage and LPDDR4 RAM

03 Compact size (75x64x21mm) with rich I/O peripherals for more expandability

04 Dual Gigabit Ethernet connectors for soft router applications

05 Supported OpenWrt makes it ideal for network appliance applications

06 Camera/ display connectivity using MIPI CSI, MIPI DSI and micro-HDMI interfaces

07 Onboard dual USB 3.0 with an additional USB 3.0 9-pin header for more external ports

08 Micro-SD Card slot to load system image for non-eMMC version of CM4

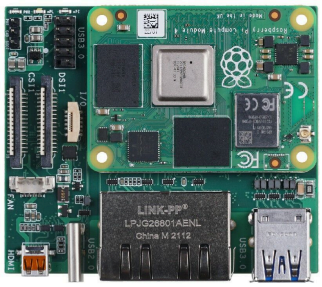
09 More Expandability via FPC Connector (I2C, SPI) for additional add-ons

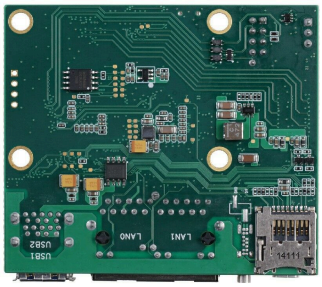
10 External fan support with fan power connector

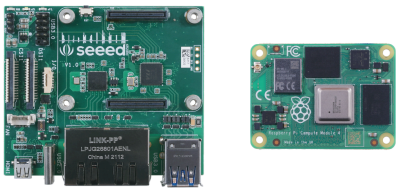
11 Affordable for the powerhouse of features included

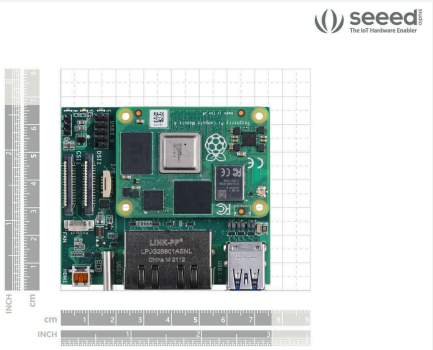
12 Power using USB Type-C (5V/3A)

Product Gallery









Applications

- Software Router
- Network appliance
- IoT applications
- Smart Home
- Camera /Video-related projects

Resource Links

- https://www.seeedstudio.com/Dual-GbE-Carrier-Board-with-4GB-RAM-32GB-eMMC-RPi-CM-4-p-4898.html
- Schematics
- Microchip LAN7800 Datasheet

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com