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INDUSTRIAL PRODUCT DATASHEET

PIzza Raspberry Pi CM4 Micro Server with 1GB RAM, 8GB eMMC

The PIzza Raspberry Pi CM4 Micro Server with 1GB RAM, 8GB eMMC is a compact networking and storage solution for IoT, routing, NAS, and multimedia applications.

SKU	UPDATED	PRICE
102991560	2026-04-09 13:08:32	$109.00(Excl. VAT)



Overview



The PIzza Raspberry Pi CM4 Micro Server with 1GB RAM, 8GB eMMC is powered by a Raspberry Pi Compute Module 4 (CM4) running up to 1.5GHz, and features dual-band WiFi, dual Gigabit Ethernet, 4G/LTE via mini PCIe, M.2 NVMe SSD expansion, and HDMI up to 4Kp60. It supports a wide range of applications including IoT and Lora/Zigbee gateways, 4G/LTE and software routers, SD-WAN APPs, NAS, multimedia server, VPNs, Bitcoin nodes, digital signage, and smart home applications.

Key Features

- Powered by Raspberry Pi Computer Module 4 (CM4) running up to 1.5GHz
- Diverse network connectivity options
  - Dual-band 2.4GHz/5GHz WiFi
  - Dual Gigabit Ethernet ports
  - 4G/LTE communication via mini PCIe (other modules supported)
- Expandable Storage: M.2 NVME Socket for SSD Expansion
- Multimedia Ready: HDMI Output at up to 4Kp60
- Integrated Thermal Management: Aluminum Heatsink with ABS Body

Product Gallery















Specification

Specification	Details
CPU	Broadcom BCM2711, Quad core Cortex-A72 64-bit SoC @ 1.5GHz
Memory	1GB LPDDR4-3200 SDRAM
Storage	8GB eMMC M.2 socket for NVMe SSD up to 2TB
Video Interface	HDMI 2.0a (up to 4kp60 supported)
Interfaces	2 × RJ45 ethernet port support 10/100M/1000M 2 x USB 2.0 Port 2 x HDMI 2.0a 1 x mini-PCIe socket with SIM card support 1 x M.2 socket with 2280 NVME SSD support 40 pin standard Raspberry PI HAT connector (Adaptor line needed)
Power Supply	5V/3A power supply via type-C port
Dimensions	98mm x 98mm x 38mm
Operating Temperature	0°C to +60°C
Storage Temperature	-20 °C to +70 °C
Certifications	CE, FCC
Additional Features	Built in RTC with Supercap (optional) Cryptographic Encryption with ATECC608a Chip (optional)

Applications

- **IoT Gateway**
- **Lora/Zigbee Gateway**
- **4G/LTE Router**
- **Software Router**
- **SD-WAN APPs**
- **Network-Attached Storage (NAS)**
- **Multimedia Server**
- **Virtual Private Networks (VPNs)**
- **Bitcoin Nodes**
- **Digital Signage**
- **Smart Home Applications**

Part List

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Compliance & Logistics



HSCODE	8471419000
USHSCODE	8517180050
UPC	
EUHSCODE	8471707000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/PIzza4-A-1G8GN-p-4972.html

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