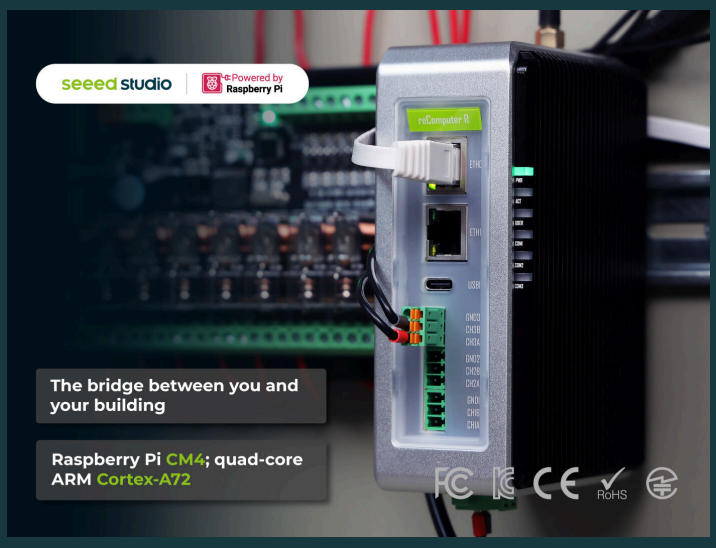
seeed studio

INDUSTRIAL PRODUCT DATASHEET

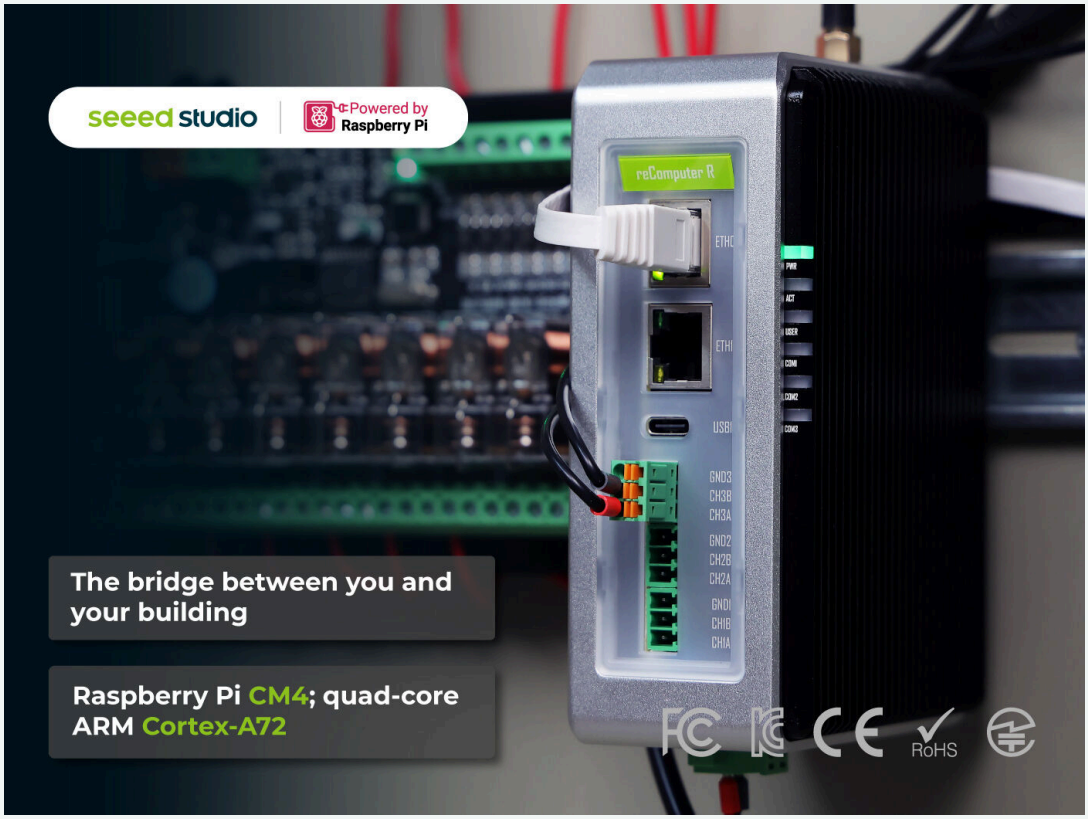
reComputer R1025-10 - Raspberry Pi IoT Gateway & Controller, CM4-Powered, AI Capable | 4GB RAM, 32GB eMMC

reComputer R1000 is a powerful and flexible industry Raspberry Pi IoT gateway & controller, CM4-powered, with AI capabilities.

SKU	UPDATED	PRICE
113991274	2026-11-11 09:41:38	$297.00(Excl. VAT)



Overview



reComputer R1000 is a powerful and flexible industry Raspberry Pi IoT gateway & controller, CM4-powered, with AI capabilities. With 3*RS485, dual-ethernets, BACnet, and Modbus support, equipped with all the necessary features that a robust and reliable industrial edge IoT device needs. With compatibility with AI NPU accelerator, it's a perfect fit for remote access control, especially BMS, BAS, and iBMS.

Key Features

01 **Powerful Performance**

02 **Multiple Industrial Interfaces**

03 **Versatile Wireless Options**

04 **Perfect Fit for Building Automation System**

05 **Safety and Reliablity**

Product Gallery














reComputer R1000
reComputer R1000

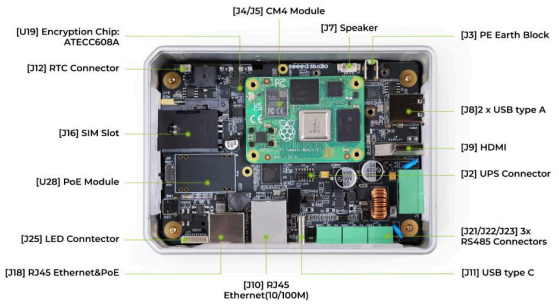

130mm
93mm
49.5mm

Hardware Overview



1	1000M Ethernet	7	SIM Slot
2	100M Ethernet	8	Boot Switch
3	Serial Console	9	Reset Hole
4	3 x Isolated RS485	10	Power In
5	LED	11	HDMI
6	2 x Reserved Antenna Ports for Wireless	12	USB Host

Top View



Bottom View



Applications

- **The application of the reComputer R1000 spans five key areas: First Look Guide, Industrial Edge, Fleet Management, Cloud Solutions, and Computer Vision. It integrates technologies such as NodeRed, FUXA, FIN, N3uron, balena, Home Assistant, AWS IoT Core, and Ultralytics Computer Vision.**
- **Raspberry Pi CM4-Powered Intelligent Supermarket System**
- **Pose-based Light Control System with Node-Red & Raspberry Pi AI Kit**
- **MING Stack for Seamless IIoT Data Management**
- **FIN Framework for Smart Building Management**

Resource Links

- https://www.seeedstudio.com/reComputer-R1025-10-p-5895.html
- reComputer R1000 Flyer
- reComputer R1000 Flyer in Chinese
- USER Manual
- USER Manual in Chinese
- reComputer R1000 3D File
- reComputer R1000 Schematic Design, PCB Design
- Seeed's Raspberry Pi Powered Device
- Seeed Raspberry Pi-based Success Cases

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