

Industrial Edge Computing Host Specification

RU-IPC-3568-4-32-N4

1. Product Features:

1.1 High-Performance Core

RU-IPC-3568-4-32-N4 is powered by the Rockchip high-performance RK3568 quad-core processor, supporting Android 12/Ubuntu/Debian/HarmonyOS, with a maximum clock speed of 2.0 GHz.

1.2 Industrial-Grade Design

Industrial-grade full aluminum alloy enclosure with dust resistance, shock resistance, anti-interference and excellent heat dissipation. Capable of operating in complex and harsh environments, ensuring stable, reliable and safe operation 24/7.

1.3 Multiple Output Interfaces

Supports 2 × 2500M Ethernet ports and 2 × 1000M Ethernet ports simultaneously, along with USB and UART interfaces, and HDMI high-definition display output.

1.4 Low Power Consumption, Slim & Compact

Full-load power consumption less than 7W, weight 0.5 KG. Dimensions: 100 × 100 × 36 mm (L × W × H).

2. Product Specifications

Model	RU-IPC-3568-4-32-N4
Dimensions	100 × 100 × 36 mm (W × D × H)
CPU	Rockchip RK3568, Quad-core 64-bit Cortex-A55, up to 2.0 GHz
GPU	Dual-core GPU, Mali-G52 2EE
NPU	1.0 Tops
Memory	LPDDR4X 4G
Onboard eMMC	32GB
Display Output	HDMI 2.1 × 1, up to 4K@60Hz output
Network	Ethernet RJ45 × 4: 2 × 2.5G + 2 × Gigabit
USB	USB-3.0*2(one is OTG)
Debug Serial Port	RJ45
Internal Expansion Interface	Mini PCIe socket supporting optional mSATA or PCIe expansion (Wi-Fi module supported)
Power Adapter	Input: 90~220 VAC; Output: 12 VDC / 1.0 A, 5.5 × 2.5 mm DC plug
Operating Temp/Humidity	0°C ~ +55°C, Relative Humidity < 93%
Operating System	Android 11 / OpenHarmony / Linux / Ubuntu / Debian / OpenWRT
Power Consumption	7W (full load)
Weight	0.5KG

3. Product Appearance

