

G9C-RK3399

HDMI

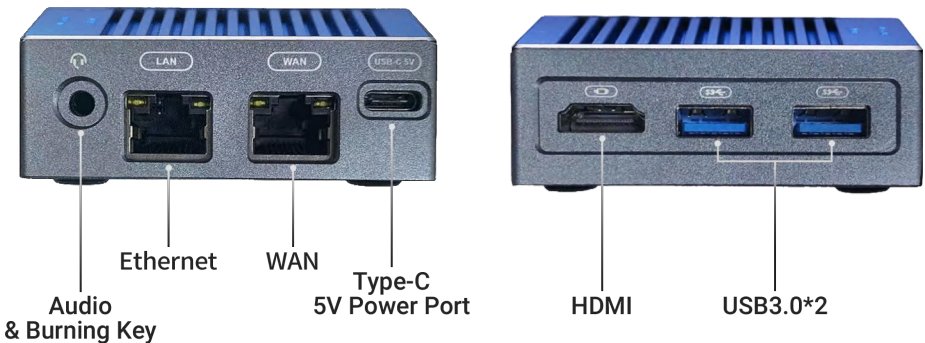
RK3399
Edge Gateway



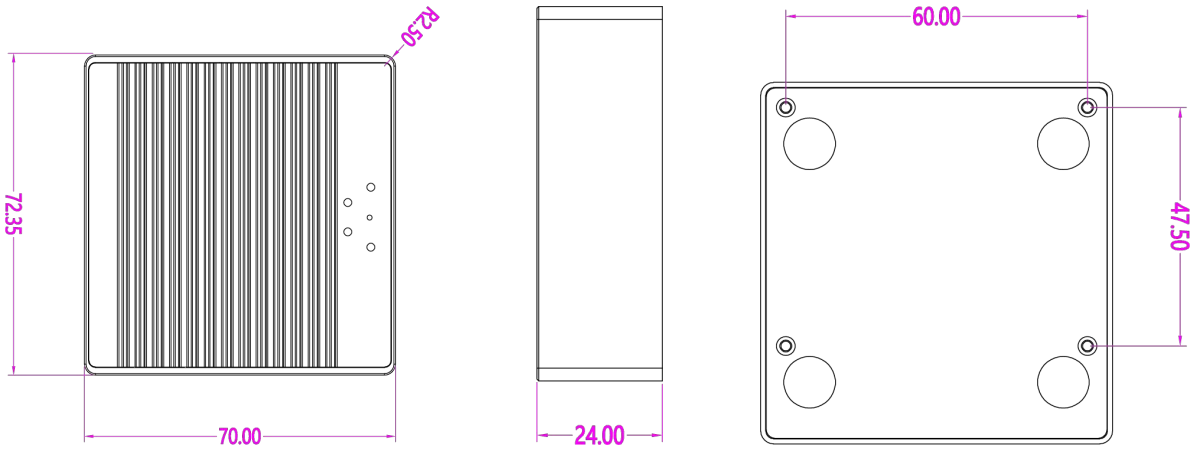
Product Features

- Hexa-core 64-bit A72x2 + A53x4 1.8GHz processor
- Dual Gigabit Ethernet ports
- Onboard power management circuit for stable and reliable operation
- Supports 4K 60fps H.265/H.264/VP9 decoding
- Widely used in cloud computing, smart cities, AI, edge computing, neural networks, VR/AR, and deep learning.

Interface Layout



Product Dimension



System	SOC	Mali-T860 GPU
	CPU	RK3399
	Memory	4GB
	Storage & Expansion	eMMC 16GB
Video	GPU	Mail-T860 MP4
	Hardware Codec	4K VP9 and 4K 10-bit H.265/H.264 @ 60fps 1080P @ 30fps (WMV, MPEG-1/2/4, VP8) 1080P (H.264, VP8)
	Display Interfaces	1 × HDMI 2.1, supports 4K resolution output
Network	Ethernet	Dual Gigabit Ethernet
	Wireless Network	External USB
I/O	USB	2 × USB 3.0
	RS232	Not supported
	Audio	AUX 3.5mm headphone output / microphone input
	SIM	Not supported
Others	Watchdog	Optional
	RTC	Supported
Power Input	Power Input	DC 5V-3A
	Buttons/Indicators	Supported
Physical Parameters	Chassis Dimensions	72 mm × 70 mm × 24 mm (2.83 in × 2.76 in × 0.94 in)
	Package Dimensions	130 mm × 160 mm × 55mm (5.12 in × 6.30 in × 2.17 in)
	Net Weight	0.16 kg (0.35 lbs)
	Gross Weight	0.6 kg (1.32 lbs)
Software	Operating System	Ubuntu 20.04, Debian 9.5, CentOS 8.3, OpenWRT
Environment	Operating Temperature	-10~40°C (14~104°F)
	Storage Temperature	-10~40°C (14~104°F)
	Operating/Storage Humidity	0~85% RH (non-condensing)
	Safety Certifications	CCC, CE, ISO

Product Model	SOC	Memory	Flash	LAN	RS485	RS232	HDMI	WiFi	TF	SIM
G9C	RK3399	4GB	16GB eMMC (Customizable)	2	0	0	1	External USB	0	0

■ Packing List

Accessories	Description
Power Adapter	USB-C 5V-3A
WiFi Antenna	None
VESA Mount Kit	None
User Manual	Universal *1
Certificate of Compliance	Universal *1

■ Optional Accessories

Accessories	Description
128GB eMMC	Customizable
256GB eMMC	Customizable
512GB eMMC	Customizable