



Product Features

- Quad-core 64-bit Cortex-A55 processor, with a clock speed of up to 1.8GHz, 22nm advanced process, featuring a low-power intelligent power management system
- Integrated G52 GPU, with a built-in independent NPU, providing 0.8 TOPs of computing power
- Assorted embedded operating systems

Interface Layout



USB2.0

USB3.0

Power ON/OFF



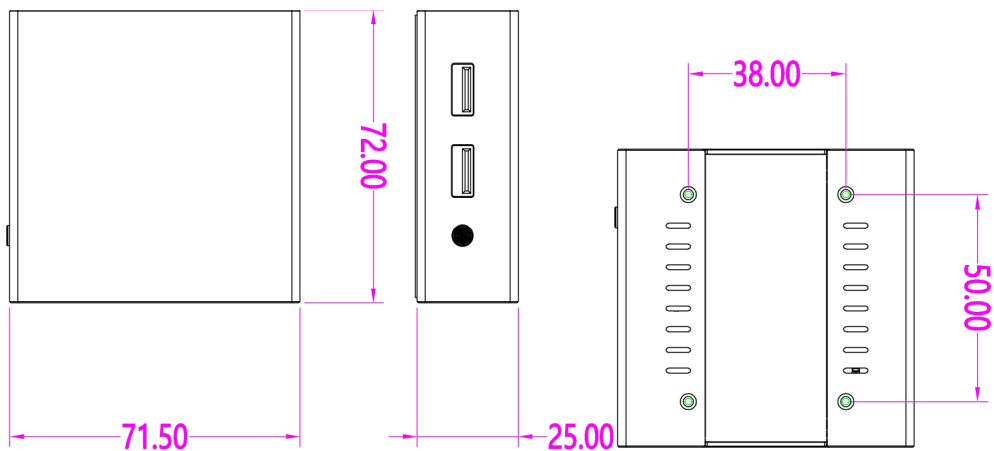
Type-C

HDMI

Ethernet

USB2.0

Product Dimension



System	SOC	Mali-G52
	CPU	RK3566
	NPU	0.8 TOPS
	Memory	2GB
	Storage & Expansion	16GB eMMC ; Built in TF card slot, supports storage expansion
Video	GPU	ARM G52 2EE
	Hardware Codec	Supports 4K 60fps H.265/H.264/VP9 video decoding Supports 1080P 60fps H.265/H.264 video encoding Supports 8M ISP, HDR support
	Display Interfaces	1 × HDMI 2.0, supports 4K@60fps output; Maximum HDMI resolution: 4096×2304@60Hz
Network	Ethernet	Gigabit Ethernet (RJ45, 1000Mbps)
	Wireless Network	Wi-Fi + Bluetooth module (Optional)
I/O	USB	2 × USB 2.0, 1 × USB 3.0
	RS232	None
	Audio	AUX 3.5mm headphone output / microphone input
	SIM	None
Others	Watchdog	Optional
	RTC	Supported
Power Input	Power Input	DC 5V-2A
	Buttons/Indicators	Supported
Physical Parameters	Chassis Dimensions	72 mm × 71 mm × 25 mm (2.83 in × 2.80 in × 0.98 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	Android11, Ubuntu20.04, CentOS8.3, Debian10, openEuler
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
G4	RK3566	2GB	16GB (Customizable)	1	0	0	1	Optional	1	0

■ Packing List

Accessories	Description
Power Adapter	USB-C 5V-2A
WiFi Antenna	None (Internal antenna optional)
VESA Mount Kit	Optional mount bracket *1
User Manual	Universal *1
Certificate of Compliance	Universal *1

■ Optional Accessories

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