

Features



- True HD display screen with Pcap multi-touch
- Onboard Memory and Storage
- Supports VESA and Panel Mounting
- Compact size and ultra thin integrated design
- Fanless and embedded system with high stability
- Optional 4G/GPS/BT/Wi-Fi communication
- RS232 RS485 USB CAN Ethernet communication
- Supports multiple operating systems



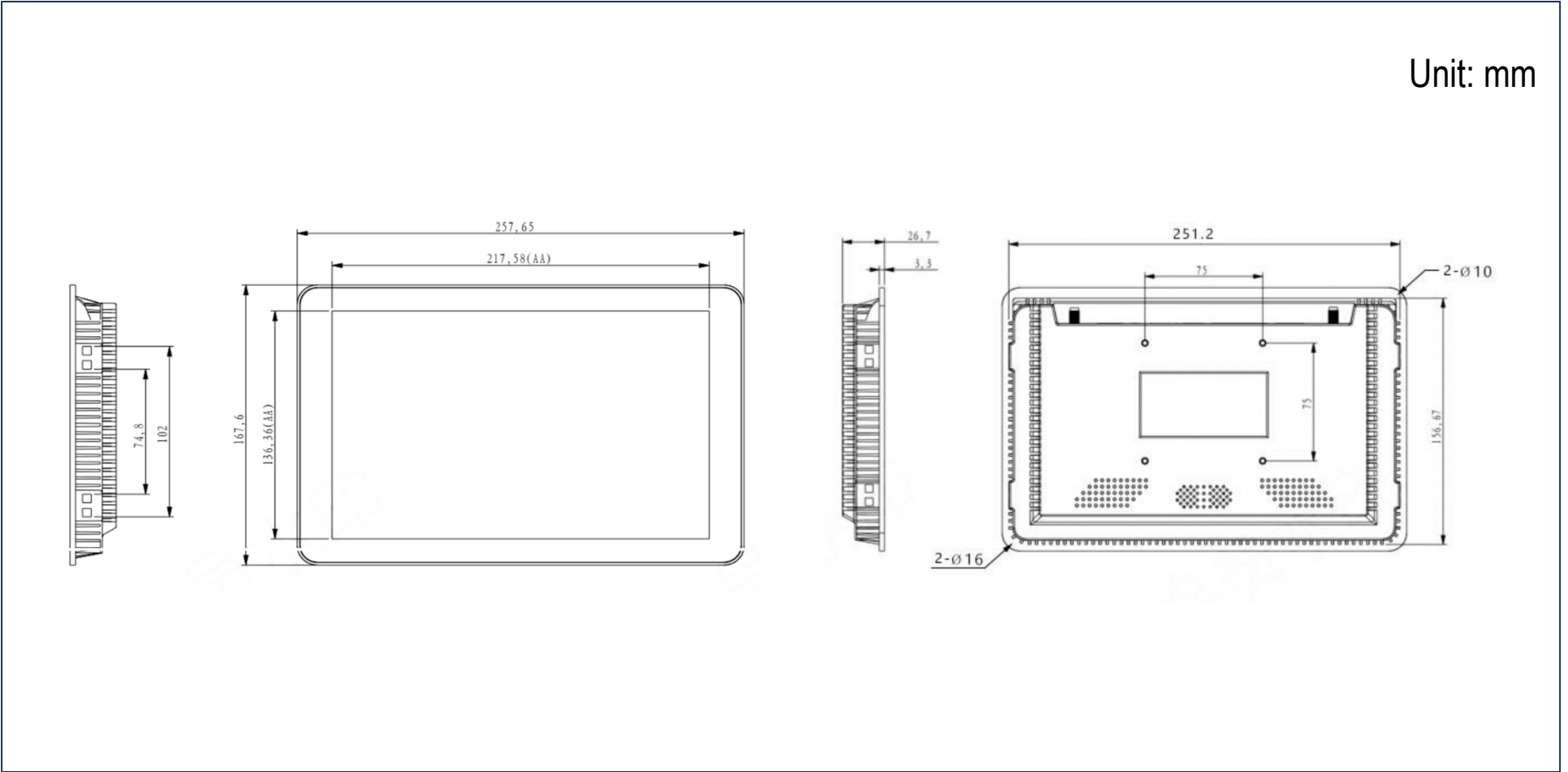
Introduction

H9-101 is a 10.1 inch All-In-One Panel PC powered by Rockchip processor with Android or Linux OS pre-installed. Supports VESA and Panel Mounting, H9-101 provides friendly experience and reliable integration possibility. External 2xUSB 2.0/3.0,1xRS485,2xRS232/2xCAN FD expands.

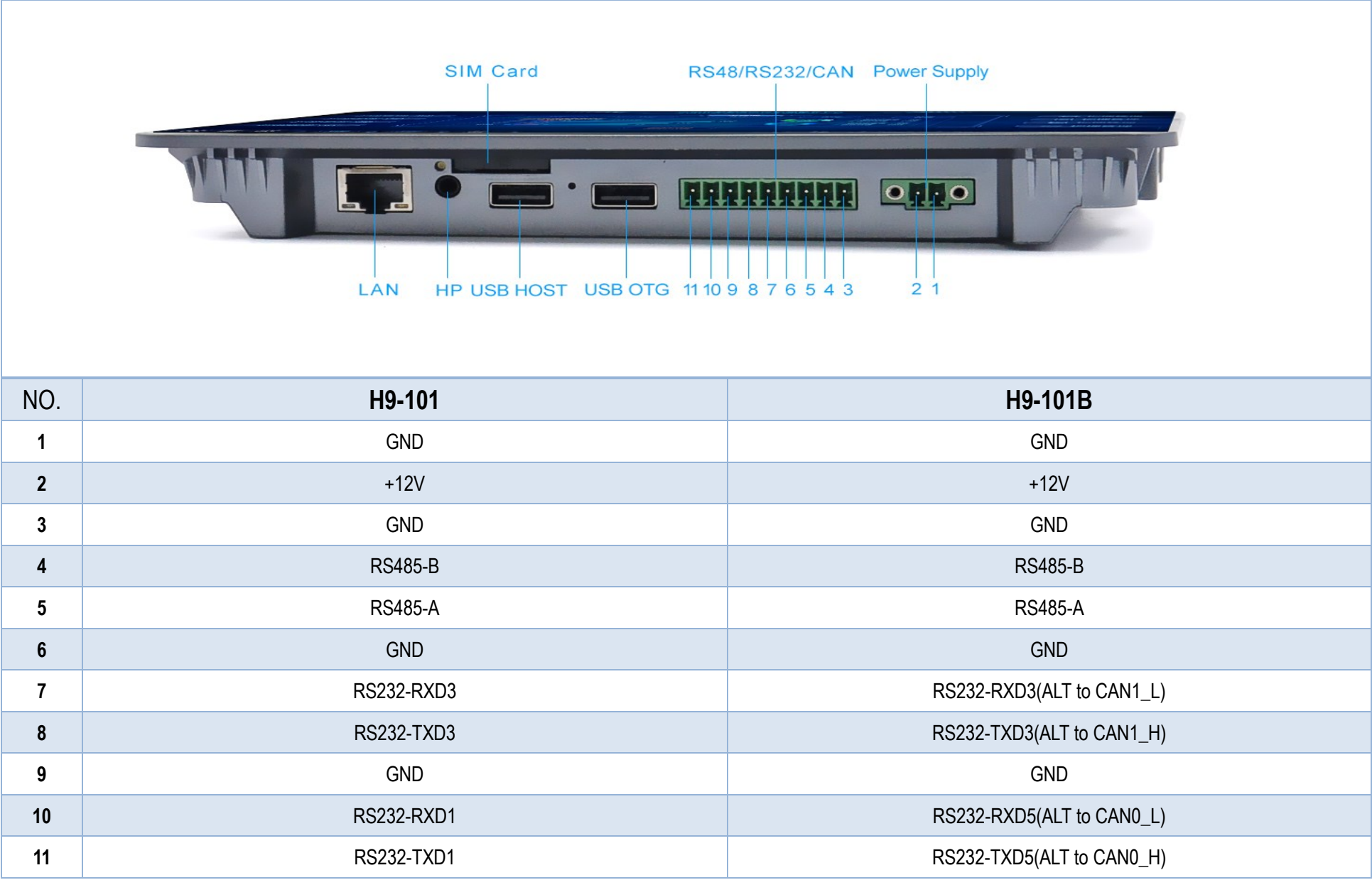
Specifications

Form Category		H9-101	H9-101B
System	CPU	RK3288W Quad-core Cortex-A17 1.8GHz	RK3568 Quad-core Cortex-A55 2.0GHz
	GPU	Mali-T764 GPU	ARM G52 2EE
	NPU	NONE	1 TOPS
Memory		2GB DDR3L	4GB LPDDR4x
Storage	eMMC	16GB eMMC(MLC)	32GB eMMC(MLC)
Multimedia		1080P(VC-1,MPEG-1/2/4,VP8)video decoding 1080P H.264, VP8 video encoding	4KP60 H.265/H.264/VP9 video decoder, 1080P60 H.264/H.265 video encoder
Graphics		OpenGL ES 1.1/2.0/3.1	OpenGL ES 1.1, 2.0, and 3.2
		OpenCL, DirectX9.3	Vulkan 1.0 and 1.1 and OpenCL 2.0 Full Profile
		High-performance 2D acceleration hardware	High-performance 2D acceleration hardware
Display	Size	10.1 inch	
	Resolution	1280x800	
	Brightness	350nits	
	Contrast Ratio	800	
	Backlight Lifetime	15,000 hrs (Min.)	
Touch screen	Type	Projected Capacitive Multi-touch	
	Points	5	
	Interface	IIC	
IO	External	1*Type-A USB2.0 OTG (Default for USB ADB)	1*Type-A USB3.0 OTG (Default for USB ADB)
		1*Type-A USB2.0 HOST	1*Type-A USB3.0 HOST
		1*3.5mm HP Out	1*3.5mm HP
		1*SIM Card	1*SIM Card
		1*LAN 10M/100M/1000M	1*LAN 10M/100M/1000M
		1*RS485	1*RS485
		2*RS232	2*RS232 or 2*CAN
		1*3W Speaker	1*3W Speaker
Wireless communication	WIFI	IEEE 802.11b/g/n (2.4 GHz ISM Band)	
	BT	BT5	
	4G(option)	GSM900 / 1800MHz	
		CDMA:BC0 WCDMA:B1/B8 TD-SCDMA:B34/B39 LTE-FDD: B1/B3/B5/B8 LTE-TDD :B38/B39/B40/B41	
Others	Certification	CE	
Power		DC 12V 2A(PoE optional)	DC 12~24V 2A(PoE optional)
Environment	Operating Temperature	-10~60℃	
	Operating Humidity	10% to 95% Non-Condensing	
	Storage Temperature	-30~80℃	
Mechanical		258*168*28mm	
Operation System		Android7.1	Linux5.10,Ubuntu20.04,Debian11,Android12

Dimensions



External IO



Ordering Information

Part Number	CPU	Memory	Storage	Operating Temperature	Description
H9-101	RK32888W	2GB	16GB(MLC)	-10~60℃	CPU MAX 1.8GHz
H9-101B	RK3568B2	4GB	32GB(MLC)	-10~60℃	CPU MAX 2.0GHz