

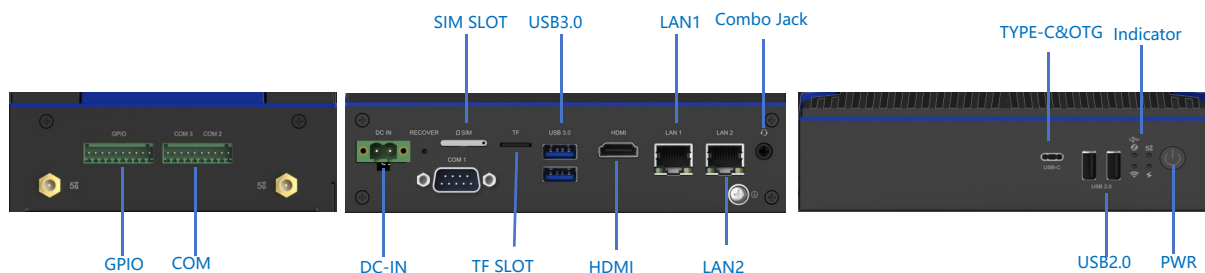


产品特性

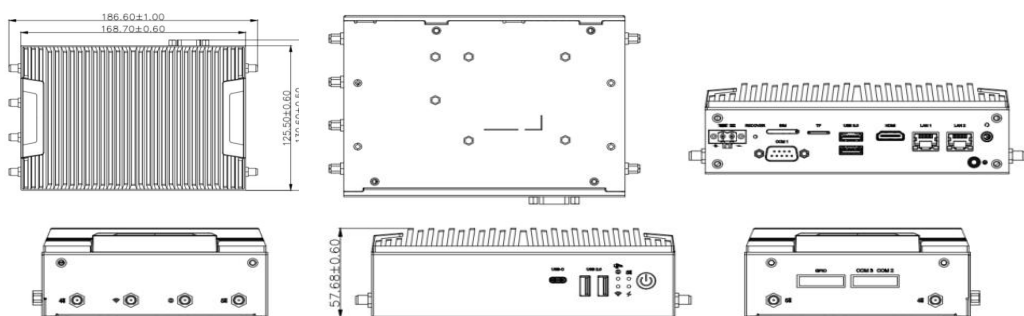
- 支持 Jetson Orin Nano 4GB or 8GB Module
- 板载 HDMI display interface
- 2 Independent GigE LAN
- 3 M.2 Socket : 1 M.2 Key M, 1 M.2 Key E, 1 M.2 Key B
- 2 USB3.0, 2 USB2.0, 1 TYPE-C
- 4 COM RS232/485
- 2-Pole Phoenix DC plug in



接口布局



产品尺寸



Module	Orin Module	Jetson Orin NX 8GB	Jetson Orin NX 16GB
Processor System	CPU	6 核 Arm® Cortex® A78AE v8.2 64 位 CPU 1.5MB L2 + 4MB L3	8 核 Arm® Cortex® A78AE v8.2 64 位 CPU 2MB L2 + 4MB L3
	GPU	1024 NVIDIA® CUDA® cores and 32 tensor cores@765 MHz	1024-core NVIDIA Ampere GPU with 32 Tensor Cores@918 MHz
	NPU	70TOPS (int8)	100TOPS (int8)
	Memory	8GB 128bit LPDDR5 102.4 GB/s	16GB 128bit LPDDR5 102.4 GB/s
Expansion	Interface	1 x M.2 (KEY B 3042/3052) for 4G or 5G Module 1 x Mini PCIe for Lora Module 1 x Micro Sim Slot, 1 x TF Slot	
Graphics	Graphics Processor	NVIDIA Ampere GPU	
	Interface	HDMI2.1, Max resolution up to 4096x2160@60Hz	
Storage	Storage Device	1 x M.2 (KEY M,2280) with NVME SSD	
GNSS	GNSS	Onboard GPS Module	
Audio	Audio Codec	ES8336	
	Audio Interface	1 x 3.5mm Audio Jack (2 in 1)	
Network	Ethernet	2 x Realtek LAN	
	WIFI	1 x M.2 (KEY E,2230) with PCIe x1, USB2.0 for Wireless and Bluetooth	
I/O interface	LED	1 x Power LED, 1 x 5G LED, 1 x WIFI LED, 1 x Zigbee LED	
	USB	2 x USB2.0 TYPE-A, 2 x USB3.0 TYPE-A, 1 x TYPE-C (USB3.0&OTG)	
	Serial	1 x DB9 (RS232/RS485 Option), 1 x 10 Pole Phoenix (RS232+RS485)	
	Others	4-ch IN, 4 x CH Out (10 Pole Phoenix GPIO)	
Power	Power Input	12V DC-In	
	Power Interface	2-Pole Phoenix DC plug in	
Others	OS Supports	Ubuntu20.04	
	Watchdog	Support	
	TCM/TPM	Onboard Z32H330TC TCM Module	
	Antenna	2 x WIFI Ant, 4 x 5G Ant	
Mechanical	Dimensions	187mm(L)×131mm(W)×54mm(H)	
	Mounting	Desk/Wall-mounting	
Environment	Operating Temp.	0~40℃ & -20~60℃ (According to configuration optional)	
	Humidity	10%~90% Humidity, non-condensing	
	Storage Temp.	-20~70℃ & -30~80℃ (According to configuration optional)	
	Humidity	5%~95% Humidity, non-condensing	

Model	Memory	Display	LAN	USB3	USB2	TYPE-C	Adapter	Operating Temp.
E618-A	8GB	1	2	2	2	1	1	0~40℃
E618-B	16GB	1	2	2	2	1	1	0~40℃
E618-C	8GB	1	2	2	2	1	/	-20~60℃
E618-D	16GB	1	2	2	2	1	/	-20~60℃

■ 装箱清单

Item	Description
Adapter	x 1 （According to configuration optional）
Antenna	x 6 （According to configuration optional）
User Manual	x 1
Wall-mounting	N/A

■ 可选配件

SSD128GB	SSD128GB,M.2_M-KEY,2280,NVME
SSD256GB	SSD256GB,M.2_M-KEY,2280,NVME
SSD512GB	SSD512GB,M.2_M-KEY,2280,NVME
SSD1TB	SSD1TB,M.2_M-KEY,2280,NVME
WiFi & Bluetooth Module	WiFi & Bluetooth Module with Antenna
4G	M.2 Key B 3042 Module
5G	M.2 Key B 3052 Module