



Product Features:

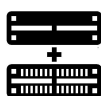


All aluminum alloy structure, active heat dissipation design (optional fanless)

Ultra Slim mini size, single-sided multi interface for compact space installation



2 x DDR5 4800MHz memory slots, up to 64 GB



2 x M.2 slots+3 x Mini PCIe (Can simultaneously support M.2 SSD+MSATA SSD+WIFI+5G)



Multi-LAN

3 x Intel i210-AT Ethernet+1 x Intel i219-LM Ethernet (LAN1 supports vPro functionality)

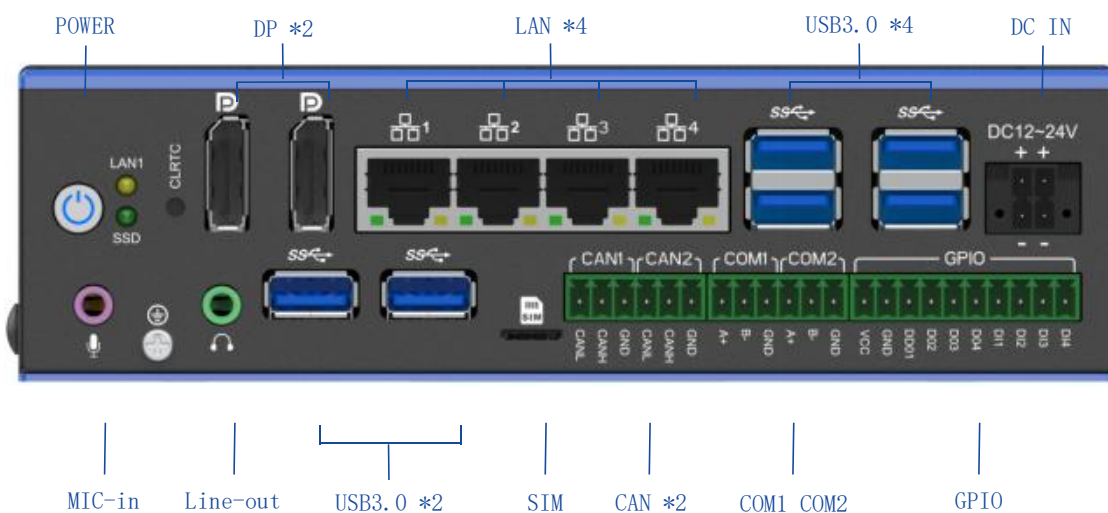


USB 3.0

6 x USB 3.0 (including 2 with anti backflow protection)



2 x isolated RS485+8 x isolated GPIO+optional 2 isolated CAN



Optional extensions



CAN



COM



GPIO



4G/5G Module



WIFI/Bluetooth Module

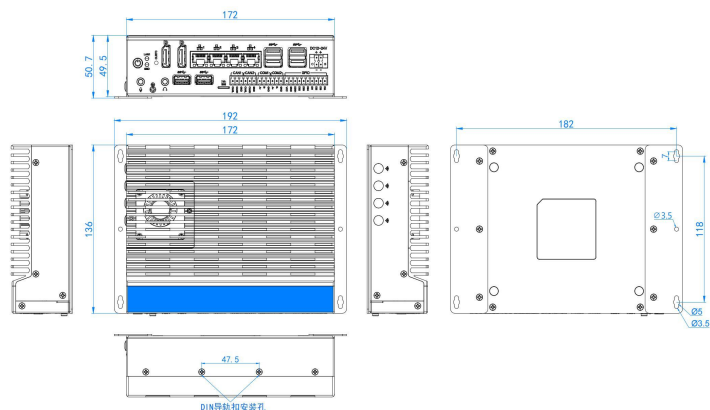
Specification

Parameter	
Processor	Intel i5-1235U (10 core 12 threads, Turbo. 4.4 GHz)
	Intel i7-1255U (10 core 12 threads,Turbo. 4.7 GHz)
Chipset	Alder Lake-U
Memory	2xDDR5 4800MHz SODIMM, Max 64 GB
Graphics Card	
Graphics	Intel(R) Iris(R) Xe Graphics
Display	2xDP(Resolution 7680 x 4320 @60Hz)
Network	
Lan Port	3xIntel i210-AT, 1xIntel i219-LM 1000M Ethernet
I/O	
USB	6 USB (2 USB 3.0 with anti backflow protection)
COM	2 x 3-Pin Phoenix terminals (2 channels of optically isolated RS485 signals)
CAN	2 x 3-Pin Phoenix terminals (requires internal configuration of CAN module - optional)
GPIO	Optocoupler isolated 8-bit digital I/O (4 inputs, 4 outputs)
Audio	Support Line out, Mic in
Power Supply	
Power Supply	1x4Pin Phoenix terminal power supply, DC 12V~24V wide voltage input

Storage	
M.2	1x M.2 2280 M-key slot (support SATA SSD & NVME SSD PCIe 1X)
MSATA	1 x MSATA
Expansion	
Mini PCIe	1x full-length Mini PCIe slot (support PCIe & USB2.0 signal, 4G/WIFI/Bluetooth optional), internal Nano-SIM card slot
	1x full-length Mini PCIe slot (support PCIe & USB2.0 signal, Reserved extension CAN module)
M.2	1 M.2 3052 B-key slot (support 4G/5G), external Nano SIM card slot
Dimension	
Size	172 * 136 * 50(Excluding mounting bracket)
Weight	1.45 kg
Installation	Wall-mounted (standard included), Din rail (optional), Desktop (default support)
Environment	
Temperature	-20℃~+60℃, Surface air flow
Humidity	5%~95% Non-condensing state
Other Function	
Application	Power-on, Timing boot, Wake on LAN, PXE boot, watchdog (level 0-255), TPM2.0 security encryption
	AGV, AMR, Industrial Automation, logistics &Transportation, Warehousing

Drawing

Unit: mm



Order Information

Configuration	Specs
1	Intel Core i5 1235U, 4 Lan / 6USB / 2CAN / 2 RS485
2	Intel Core i7 1255U, 4 Lan / 6USB / 2CAN / 2 RS485

Packing List

Name	Quantity	Note
Power adapter	1	Optional 12V 7.5A
Power cable	1	CN, US, UK, EU, etc
Wall mount	1	Standard