

- 6* 2.5 GbE PoE LAN offer with high-speed data transferring ability
- Modular parts design with strong scalability
- Full aluminum alloy anti-interference structure
- Fully enclosed with fanless cooling system
- Cable-free design for better vibration resistance
- Scientific and reasonable interface layout
- Double board design with diverse interfaces
- EN50155 or EN60945 certified

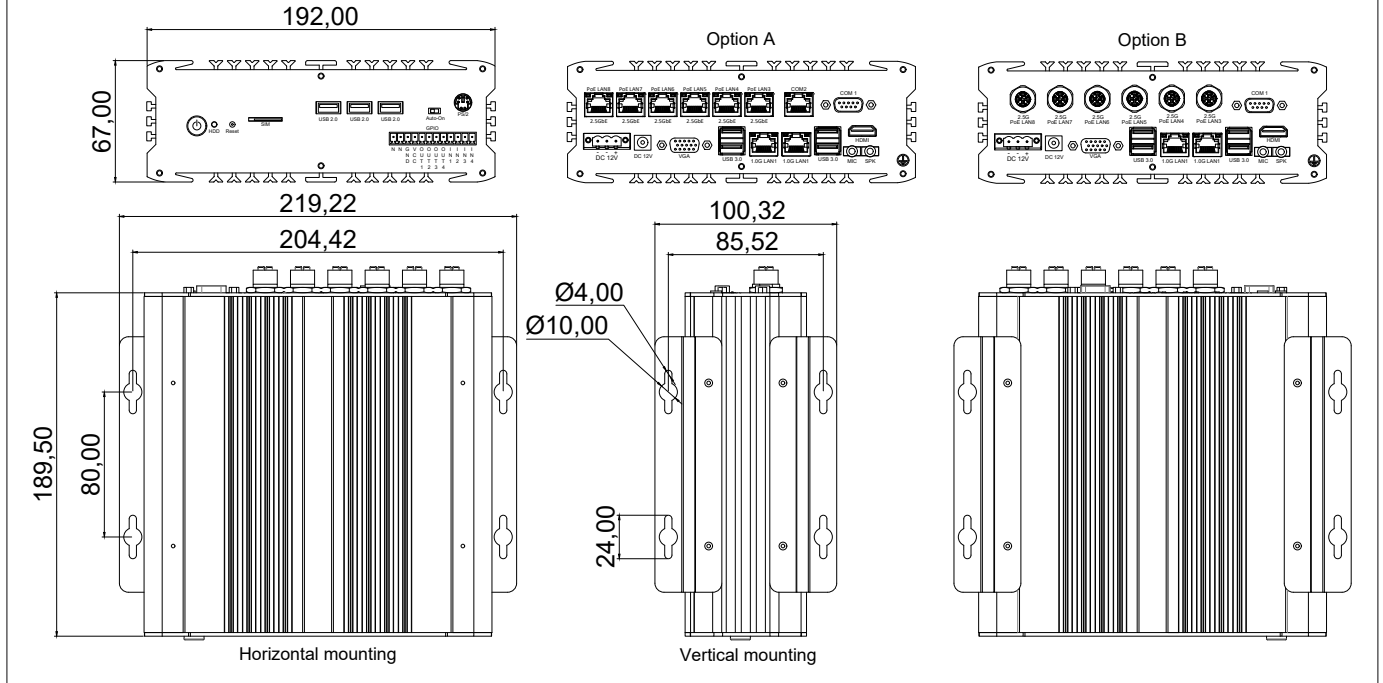


Specifications

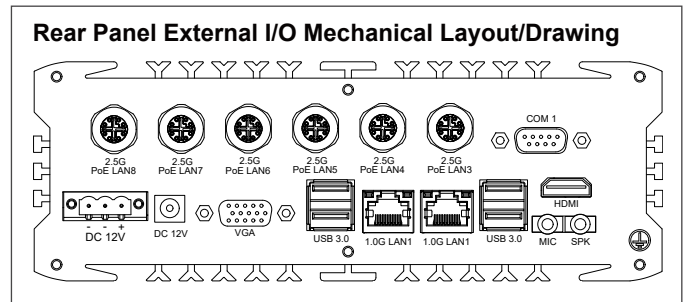
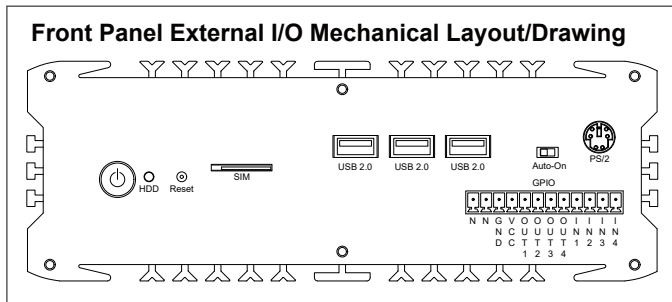
Model	S501-609_5800 (Option A, With 6* RJ45 PoE LAN; Option B, With 6* M12 PoE LAN)			
Supported OS	Win7 x64, Win 10 (Version 1809 and above), Linux (Kernel 5.16 and above); WES 7; Win 10 IoT			
CPU	Model	Intel® Core™ I3-8145U	Intel® Core™ I5-8265U	Intel® Core™ I7-8565U
RAM	SO-DIMM	2* DDR4 SO-DIMM Socket, Dual-channel 2133 MHz, up to 32GB		
Storage Device	SATA	1* 2.5 inch SATA3.0 Bay on board		
	MSATA	1* mSATA 3.0 slot on board		
I/O Interface	COM	Option A: 1* RS232/485 as RJ45 COM port + 1* RS232/485 as DB9 COM port; Switchable by jumper Option B: 1* RS232/485 as DB9 COM port, Switchable by jumper; 1* RS232 header		
	Ethernet	6* Intel® i226 GbE PoE LAN (Optional RJ45/M12 Connector); Support 2* Intel® i211 GbE LAN		
	USB	4* USB3.0, 3* USB2.0, 1* Internal USB 2.0		
	Video & Audio	1* HDMI, support 4096x2304@24Hz; 1* VGA, support 1920x1200@60Hz; Support independent dual-display; 1* Line Out + 1* MIC, Integrated ALC6626-channel high-fidelity audio controller		
	Phoenix Terminal	1* 8-bit GPIO (4* Input, 4* Output, In 0-5V); 1* Remote Switch Terminal on GPIO		
	SIM	1* External SIM card slot connected to Mini-PCIe		
	Power Supply	DC 9-36V		
	PS/2	1* PS/2 for Keyboard & Mouse		
Extended Capabilities	Additional Internal Interface	1* Full Size Mini-PCIe with SIM card slot; (PCIe+USB2.0, PCIe signal is shared with 1*LAN)		
Environment	Operating Temperature	-10 ~ 55 °C w/ 0.7m/s Airflow		
	Storage Temperature	-40 ~ 85 °C (-40~185 °F)		
	Relative Humidity	40 °C @ 95%, Non-Condensing		
Physical Characteristics	Dimensions	192* 67* 189.5 mm (W* H* D)		
	Net Weight	2.05 KG		
Regulation	EMC	CE/FCC Class B, CCC EN50155 or EN60945		
	Safety	CE-LVD, RoHS, CCC		

Dimension

Unit:mm



The actual appearance and dimensions are subject to the final configuration



Ordering Information

SO-DIMM Slot	2.5" SATA3.0 Bay	mSATA 3.0 slot	Full Size Mini-PCIe	COM	2.5GbE PoE LAN	1.0GbE LAN	USB 3.0	USB 2.0	Internal USB2.0
2	1	1	1	1 or 2	6	2	4	3	1
HDMI	VGA	Mic	SPK	PS/2	External SIM Slot	8-bit GPIO	Remote Switch Connector	Power Input	DC 12V
1	1	1	1	1	1	1	1	1	DC 12V

Processors Info & Available List

CPU	Total Cores	Total Threads	Max Turbo Frequency	Processor Base Frequency	Cache	Bus Speed	TDP	Memory Types
Intel® Core™ I3-8145U	2	4	3.90 GHz	2.10 GHz	4 MB Intel® Smart Cache	4 GT/s	15 W	DDR4
Intel® Core™ I5-8265U	4	8	3.90 GHz	1.60 GHz	6 MB Intel® Smart Cache	4 GT/s	15 W	DDR4
Intel® Core™ I7-8565U	4	8	4.60 GHz	1.80 GHz	8 MB Intel® Smart Cache	4 GT/s	15 W	DDR4

All products and company name listed are trademarks or trade names of their respective companies.

Packing List

Default Items	Qty
S5800 Unit	1
Wall mounting bracket	2
AC-to-DC Adapter, DC12V/10A, (9V-36V, Available)	1
Power cable 3-pin 150cm	1

Options for Default items

Optional Items	Qty
AC-to-DC Adapter 12V/5A	-
AC-to-DC Adapter 12V/7A	-
Power cable 3-pin 150cm, USA type	-
Power cable 3-pin 150cm, EU type	-
Power cable 3-pin 150cm, UK type	-
VESA mount kits	-
DIN Rail mount kits	-

Optional accessories or internal modules for unit

Optional Items	Max Qty	Description
Isolated 8-bit GPIO, 12V/24V	1	Phoenix Terminal connector, connected by header
4G Module	1	Connected by Mini-PCle interface
WiFi Module without AP mode	1	Connected by Mini-PCle interface or Internal USB
WiFi Module with AP mode	1	Connected by Mini-PCle interface
Dual channel CAN-Bus Module	1	Connected by Mini-PCle interface