

AEOLUS-SV9-6L2C



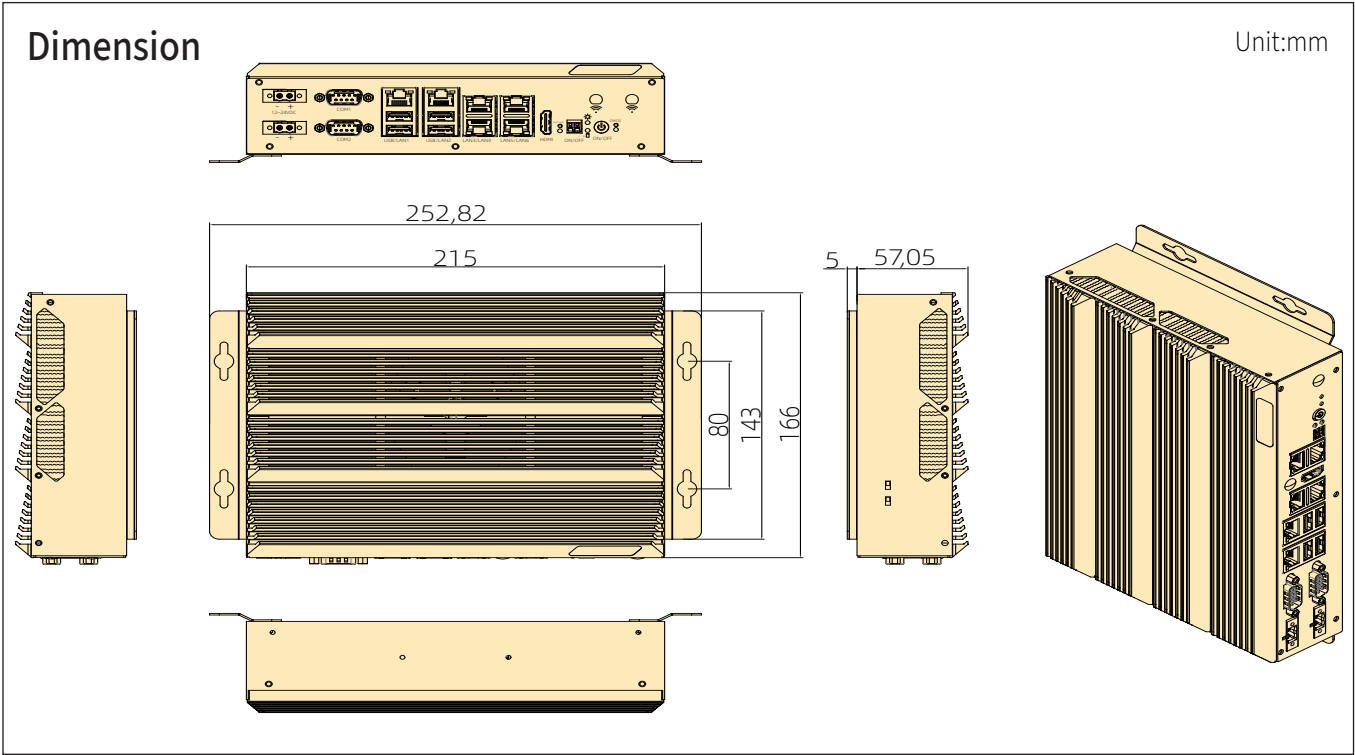
- 9th/8th/7th/6th Gen Intel® Core™ i7/i5/i3 with Desktop-grade Intel® H110 chipset, support processor up to 65W TDP;
- Comes with On board 6 channels Gigabit LAN, supports Wake-on-LAN, PXE;
- 2*RS232/RS485 (Switchable via DIP switches or BIOS)
- Adopts open grille with built-in cooling fans & copper tube heat dissipation system, ensuring excellent heat dissipation performance;
- Supports 4G/WIFI wireless internet access and enables wireless remote control assistance in various environments
- Supports DC 12V/19V/24V power supply with strong resistance to current interference
- Supports multiple installation methods: wall-mounted, vertical, and DIN rail mounting



The actual appearance is subject to the final configuration.

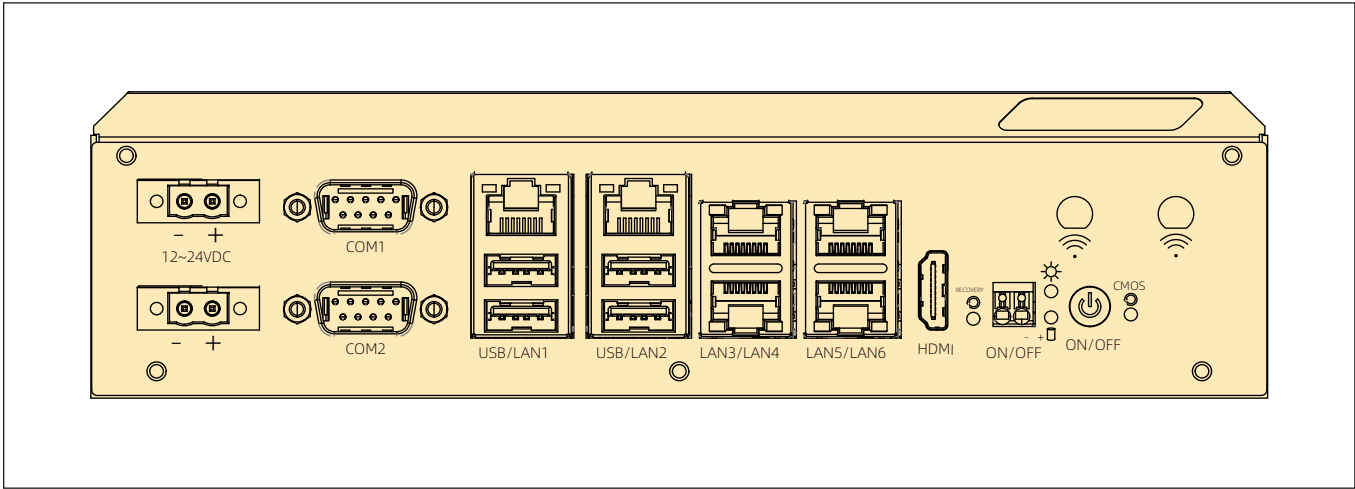
Specifications

Model	AEOLUS-SV9-6L2C		
Supported OS	Win7, Win 10, Win 11, Linux (Ubuntu, Debian, Kali, CentOS), Win 10 IoT		
Chipset	Model	Intel® H110 Chipset, TDP 6W	
	vPRO Tech	Non-supported	
CPU	Socket	Intel® Desktop Processors Socket LGA1151	
	Series	6th-9th Gen. Intel® Core™ i7/ i5/ i3 Processor	
	TDP	Up to 65W	
	Graphic	Intel® HD Graphics 530 for 6th Gen. processor	Intel® HD Graphics 630 for 7th Gen processor
	BIOS	AMI UEFI BIOS	
RAM	SO-DIMM	2* Non-ECC DDR4 2666 MHz SO-DIMM Socket, Capacity up to 64GB;	
Storage Device	SATA	1* SATA3.0 connector (6Gb/s)	
	M.2	1* M.2 (NGFF) 2280 M-key slot, support PCIe4 Gen.3 NVMe/ SATA3.0 SSD	
I/O Interface	COM	2* RS232/RS485, switchable via switches or BIOS	
	Ethernet	5* Intel i210-AT GbE LAN, 1* Intel i219-V GbE LAN; Supports wake-on-LAN, PXE	
	USB	4* USB 3.0; 1* Internal USB 2.0; 2* 4-Pin USB 2.0 internal header	
	Video	1* HDMI (Max Resolution: 3840x2160 @30Hz);	
	Audio	1* Mic-in + Line-out wafer	
	SIM	1* Nano SIM connected to Mini-pcie, support 4G wireless	
	Power Supply	DC 12V/19V/24V, Auto detected, support RVP/OVP/OC; 2* 2-PIN green connector, 5.08mm	
Extended Capabilities	Additional	1* Full Size Mini-PCIe1 slot, PCIe x1 GEN3 + USB 2.0, optional CAN/LAN/WiFi ect.	
	Internal Interface	1* Full Size Mini-PCIe (USB2.0), support 4G;	
Environment	Operating Temp.	-10 ~ 60 °C w/ 0.7m/s Airflow	
	Storage Temp.	-20 ~ 75 °C (-40~185 °F)	
	Relative Humidity	40 °C @95%, Non-Condensing	
Physical Characteristics	Dimensions	215* 57.05* 166 mm (W* H* D)	
	Net Weight	2.20 KG	
Regulation	EMC	CE/FCC Class B, CCC	
	Safety	CE-LVD, RoHS, CCC	



The actual appearance and dimensions are subject to the final configuration

Front Panel External IO Mechanical Layout/Drawing



Ordering Information

SO-DIMM Socket	M.2 2280 M-key Slot	Full Size Mini-PCle	RS232/RS485 switchable	Intel i210-AT GbE LAN	Intel i219-V GbE LAN	Nano SIM Card Slot
2	1	2	2	5	1	1
USB3.0	USB2.0 Header	Internal USB 2.0 (4-Pin)	HDMI	Remote Switch Button	BIOS Clear Button	Power Supply
4	2	2	1	1	1	DC 12V/19V/24V

Processors Info & Available List

CPU	Code Name	Total Cores	Total Threads	Max Turbo Frequency	Base Frequency	Cache	TDP	Memory Types	Integrated Graphics
Intel® Core™ I3-6100	Sky Lake	2	4	-	3.70 GHz	3 MB Intel® Smart Cache	51W	DDR4	Intel® HD Graphics 530
Intel® Core™ I3-7100	Kaby Lake	2	4	-	3.90 GHz	3 MB Intel® Smart Cache	51W	DDR4	Intel® HD Graphics 630
Intel® Core™ I3-8100	Coffee Lake	4	4	-	3.60 GHz	6 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630
Intel® Core™ I3-9100	Coffee Lake	4	4	4.20 GHz	3.60 GHz	6 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630
Intel® Core™ I5-6500	Sky Lake	4	4	3.60 GHz	3.20 GHz	6 MB Intel® Smart Cache	65W	DDR4	Intel® HD Graphics 530
Intel® Core™ I5-7500	Kaby Lake	4	4	3.80 GHz	3.40 GHz	6 MB Intel® Smart Cache	65W	DDR4	Intel® HD Graphics 630
Intel® Core™ I5-8400	Coffee Lake	6	6	4.00 GHz	2.80 GHz	9 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630
Intel® Core™ I5-9500	Coffee Lake	6	6	4.40 GHz	3.00 GHz	9 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630
Intel® Core™ I7-6700	Sky Lake	4	8	4.00 GHz	3.40 GHz	8 MB Intel® Smart Cache	65W	DDR4	Intel® HD Graphics 530
Intel® Core™ I7-7700	Kaby Lake	4	8	4.20 GHz	3.60 GHz	8 MB Intel® Smart Cache	65W	DDR4	Intel® HD Graphics 630
Intel® Core™ I7-8700	Coffee Lake	6	12	4.60 GHz	3.20 GHz	12 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630
Intel® Core™ I7-9700	Coffee Lake	8	8	4.70 GHz	3.00 GHz	12 MB Intel® Smart Cache	65W	DDR4	Intel® UHD Graphics 630

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Packing list

Default Items	Qty
AEOLUS-SV9-6L2C Unit	1
Wall-mounted bracket	1
AC-to-DC Adapter	1
Power cable 3-pin 150cm	1

Options for default items

Optional Items	Qty
Power cable 3-pin 150cm, USA type	-
Power cable 3-pin 150cm, EU type	-
Power cable 3-pin 150cm, UK type	-

Optional accessories or internal modules for unit

Optional Items	Max Qty	Description
4G Module	1	Connected by Mini-PCIe2 interface
WiFi Module without AP mode	1	Connected by Mini-PCIe interface
USB 16 bit GPIO	1	Supports 5-24V level signals and NPN switching signals, with 8 bit of DI and 8 bit of DO
EtherCAT	1	EtherCAT Master, supporting a maximum of 16 slaves (servos + I/O) at a 1ms cycle

!! Note: As this product has expansion slots, please consult sales for the specific maximum number of expandable interfaces.