



- 4\* M12 POE LAN Connector
- Easily Swappable HDD Design, max 2\* 2.5 inch SSD
- Supports NVIDIA® T4 TENSOR CORE GPU
- Fully enclosed aluminum alloy anti-interference structure
- Modular parts and cable-free design with strong scalability for better vibration resistance



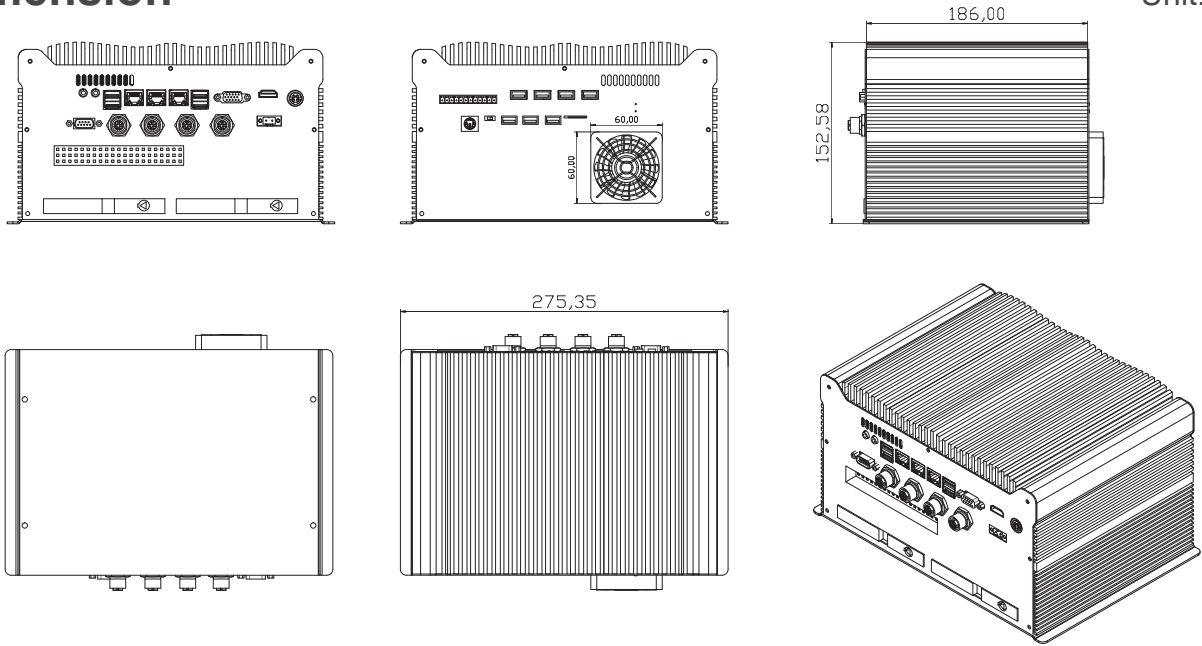
The actual appearance is subject to the final configuration.

## Specifications

<b>Model</b>	S6000v2	
<b>Supported OS</b>	Win 10, Linux (Ubuntu, Dibian, Kali, CentOS, etc.); Win 10 IoT	
<b>CPU</b>	Intel® Core™ I7-8700, 6-cores, 12 Threads, Base Fre. 3.20GHz, Turbo Fre. 4.60 GHz	
<b>GPU</b>	NVIDIA® T4 TENSOR CORE GPU, 70 W, PCIe x16, 130 INT8 TOPS	
<b>RAM</b>	S-DIMM	2* S-DIMM, DDR4-2400/2666 MHz, up to 32GB
<b>Storage Device</b>	SATA	4* Swappable SATA3.0 SSD
	MSATA	1* MSATA, support Intel protocol SSD, 6Gbps
	M.2	1* M.2 2280 Key M onboard Support M.2 2280 NVME® PCIe4/SATA adaptive standard SSD
<b>I/O Interface</b>	COM	2* RS232/RS485
	Ethernet	4* M12 connector (Intel i226 with POE, max 6 units onboard); 3* RJ45 connectors (Intel i211 without POE)
	USB	8* USB 3.0, USB2.0* 3
	Video & Audio	1* HDMI, 1* VGA, 1* Line out, 1* Mic in
	Phoenix Terminal	8* GPIO (4* Input, 4* Output); 1* Remote Power Port
	SIM	1* External SIM card slot
	Power Supply	DC 19V-36V; Support 250W isolated DC-DC converter, standard 110V(43V-160V TO 24V);
<b>Extended Capabilities</b>	Additional Interface	1* Mini PCIE, 1* PCIe16, M.2 2230 Key A+E
	Functionality Extension	COM, LAN, USB, CAN BUS, WiFi, 4G
<b>Environment</b>	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
<b>Physical Characteristics</b>	Dimensions	290.3* 186* 152.6 mm (W* H* D)(The final size is subject to actual ordering requirements)
	Net Weight	4.85 KG
<b>Regulation</b>	EMC	CE/FCC Class B, CCC
	Safety	CE-LVD, RoHS, CCC

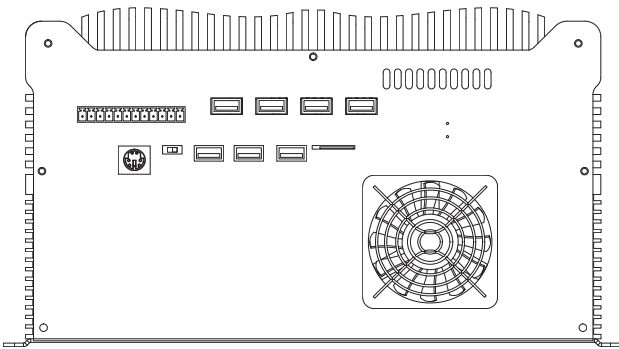
## Dimension

Unit:mm

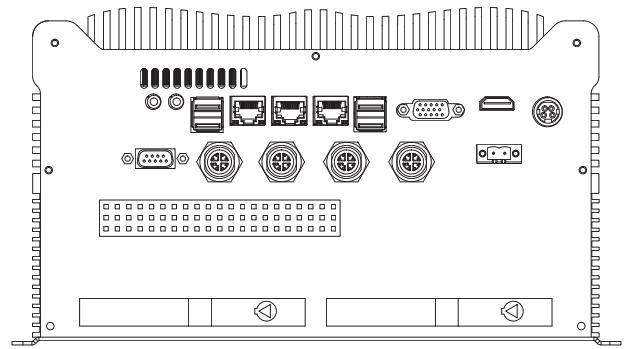


The actual appearance and dimensions are subject to the final configuration

### Front Panel External I/O Mechanical Layout/Drawing



### Rear Panel External I/O Mechanical Layout/Drawing



## Ordering Information

M.2 2280 M-key	2.5" SATA3.0	Full Size Mini-PCIe	M.2 2230 Key A+E	mSATA slot	RS232 /RS485	GbE POE LAN	GbE LAN	USB 2.0	USB 3.0
1	1	1	1	1	1	4-6	3	3	8
HDMI	VGA	Mic In	Line Out	PS/2	External SIM Slot	GPIO	Power Input		
1	1	1	1	1	1	8	DC 19-36V		

## Packing List

Default Items	Qty
S6000v2	1
250W isolated DC-DC converter; EN50155 approved	1

## Optional Accessories

Optional Items	Qty
HDMI cable 1.5m/ 3m/ 5m	-
VGA cable 1.5m/ 3m/ 5m	-

## Processors Info & Available List

CPU	Total Cores	Total Threads	Max Turbo Frequency	Processor Base Frequency	Cache	Bus Speed	TDP	Memory Types
Intel® Core™ I3-6100	2	4	-	3.70 GHz	3 MB Intel® Smart Cache	8 GT/s	51 W	DDR4
Intel® Core™ I5-6500	4	4	3.60 GHz	3.20 GHz	6 MB Intel® Smart Cache	8 GT/s	65 W	DDR4
Intel® Core™ I7-6700	4	8	4.00 GHz	3.40 GHz	8 MB Intel® Smart Cache	8 GT/s	65 W	DDR4
Intel® Core™ I3-8100	4	4	-	3.60 GHz	6 MB Intel® Smart Cache	8 GT/s	65 W	DDR4
Intel® Core™ I5-9400	6	6	4.10 GHz	2.90 GHz	9 MB Intel® Smart Cache	8 GT/s	65 W	DDR4
Intel® Core™ I7-8700	6	12	4.60 GHz	3.20 GHz	12 MB Intel® Smart Cache	8 GT/s	65 W	DDR4
Intel® Celeron® G4900	2	2	-	3.10 GHz	2 MB Intel® Smart Cache	8 GT/s	54 W	DDR4
Intel® Core™ I9-9900	8	16	5.0 GHz	3.10 GHz	16 MB Intel® Smart Cache	8 GT/s	65 W	DDR4

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

## Optional internal modules for unit

Optional Items	Max Qty	Description
AI acceleration module	1	26 TOPS, Connected by M.2 interface
Isolated 4 DI/4 DO, 12V/24V	1	Phoenix Terminal connector, connected on motherboard
4G Module	1	Connected by Mini-PCIe interface
WiFi Module without AP mode	1	Connected by Mini-PCIe interface, M.2 interface or internal USB interface
WiFi Module with AP mode	1	Connected by Mini-PCIe interface
Dual channel CAN-Bus Module	2	Connected by Mini-PCIe/M.2 interface