



Features(Preliminary)

Features

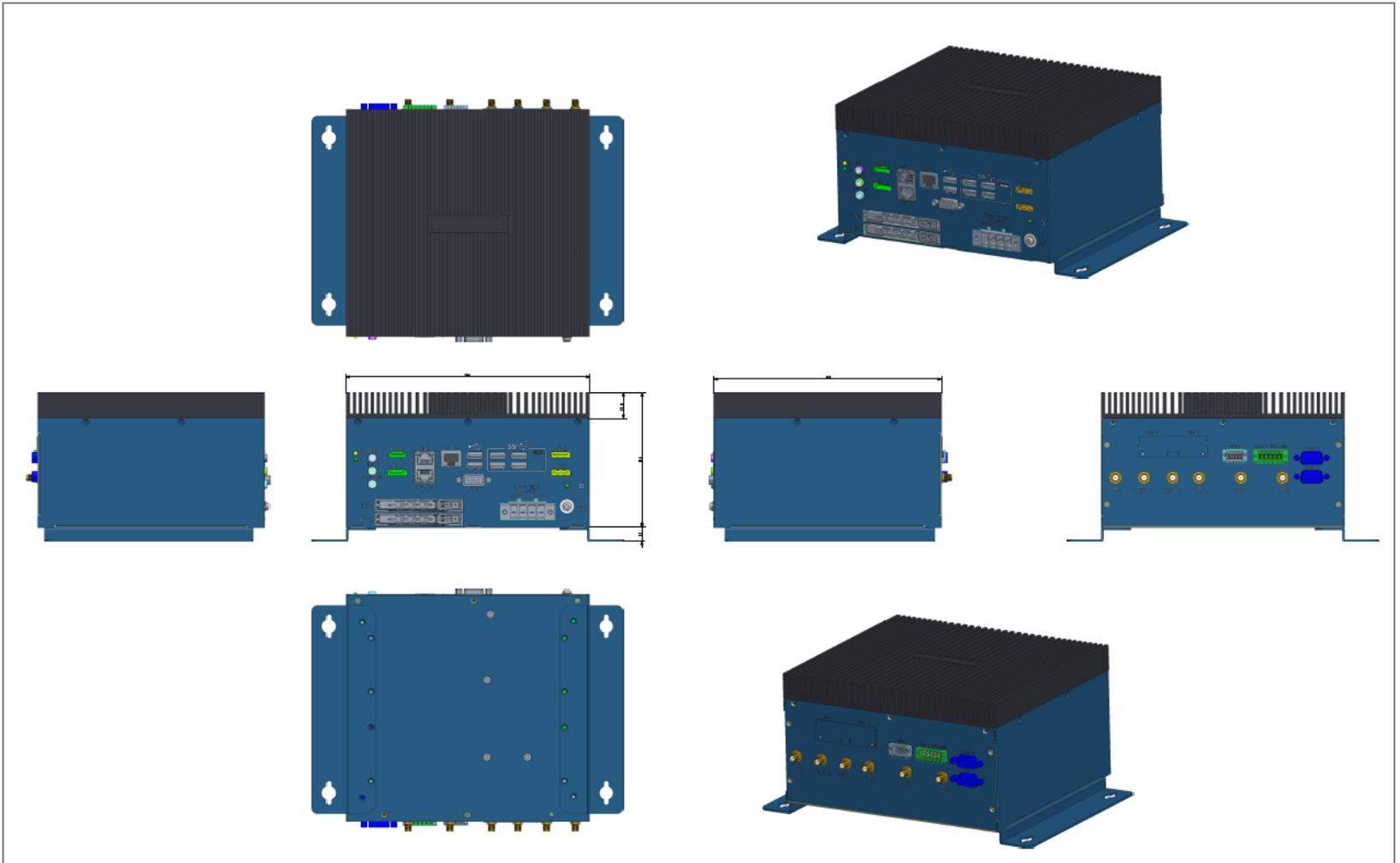
- Intel® 12th Generation Core™ i7/i5/i3 Processor
- Support 2 x DDR4 3200 SODIMM, up to 64GB, Support ECC
- Support 1 x 2.5GbE LAN, 4 x GbE LAN
- Two Front-access 2.5" SSD/HDD Tray
- 9-55Vdc w/in-vehicle power ignition control
- Fanless design

Specifications

System		Interface	
CPU/GPU	Intel® 12th Generation Core™ i7/i5/i3 Processor	Serial Port	2 x DB9 Type RS-232/RS422/485,
Memory	2x DDR4 3200MHz SO-DIMM up to 64GB	Ethernet	1 x RJ45 Intel® I226LM 2.5GbE LAN 4 x RJ45 Intel® I210 1 GbE LAN
Storage	2x Front-access 2.5" SSD/HDD Tray	USB	4x USB3.0 (Type A) 2x USB2.0 (Type A) 1x USB3.0(Type C)
Real time clock	Yes	DI/DO	16 bit DIO
Indicators	Power	Audio	1 x Mic-in, 1 Line-in, 1 Line-out
Wireless	Support Wi-Fi, 4G LTE/ 5G	Display	1 x VGA, 1 x HDMI , 3 x DP
Operating System	Windows 10, Windows 11, Linux	Power Connector	4 Pin Terminal Block connector
Power Supply		Expansion Slot	1x M.2 M-key 2280
Power Requirement	DC 9-55Vdc w/Power ignition		1x M.2 E-Key 2230
Power Consumption	TBD		1x M.2 B-key 3052
MTBF (Hours)	TBD		1x MXM
Environmental and Mechanical		Other Interface	TPM 2.0
Dimension	204mm(W) x 190mm(D) x 113mm(H)		
Weight	TBD		
Mouting/Installation	Wall mount bracket		
Operating Temperature	-20°C to 60°C		
Storage Temperature	-40°C to 80°C (-40°F to 176°F)		
Operating Humidity	5~90% (non-condensing)		
Certification			
Regulations	CE, FCC		

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
IVS-5830	<ol style="list-style-type: none"> 1. IVS-5830 2. 4-Pin Terminal block 3. Wall mount bracket Set 4. Screws Package

Optional Accessories

Part Number / Item			
DDR4	4GB/8GB/16GB/32GB		
WiFi 6 Module	Wi-Fi 6E Module with Antenna + Cables		
4/5G Module	4G / 5G GNSS Module with Antenna		