



## Features(Preliminary)

### Features

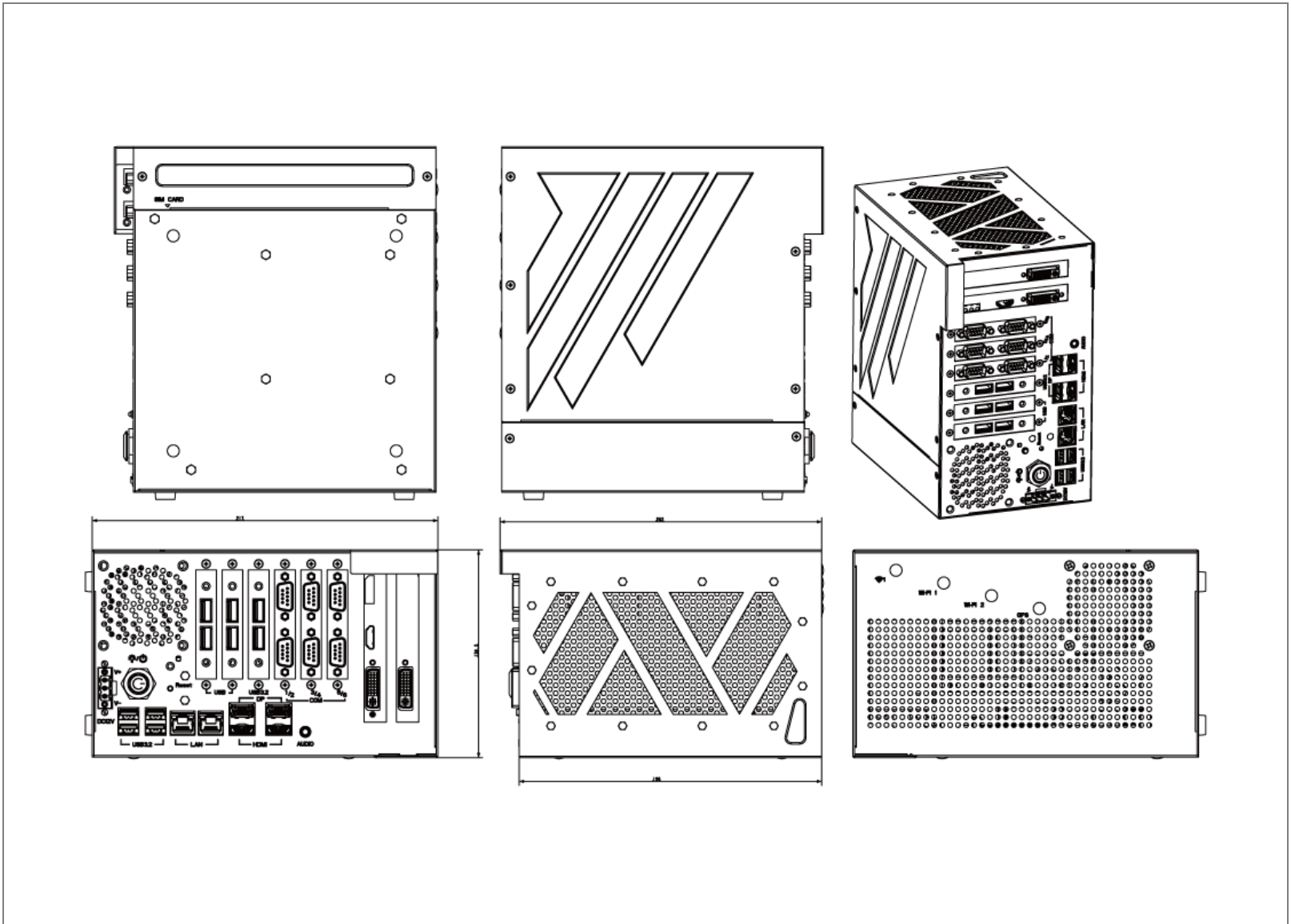
- Intel® 13th Generation Core™ i7/i5/i3 Processor
- Support 2 x DDR5 5600 SODIMM, up to 64GB
- Support 2.5GbE, USB 3.2 Gen2
- Two internal 2.5" SATA III HDD bay
- 12-36Vdc w/in-vehicle power ignition control
- Smart Fan design
- Support NVIDIA A2000 (70W)

## Specifications

System		Interface	
CPU/GPU	Intel® 13th/12th LGA1700 Socket Processor (Max. 65W TDPs under 180A)	Serial Port	2 x DB9 Type RS-232/RS422/485, 4 x DB9 Type RS-232
Memory	2x DDR5 5600MHz/4800MHz SO-DIMM up to 64GB	Ethernet	1 x RJ45 Type Intel® I225 2.5GbE LAN 1 x RJ45 Type Intel® I22LM 2.5GbE LAN
Storage	2 Internal 2.5" SSD/HDD Tray	USB	4x USB3.2 Gen.2,(Type A) 2x USB3.2 Gen.1,(Type A) 4x USB2.0(Type A)
Real time clock	Yes	DI/DO	8 x DIO
Indicators	Power, HDD,	Audio	1 x Mic-in, 1 Line-in, 1 Line-out
Wireless	Wi-Fi, 4G/5G Lte	Display	2 x HDMI , 2 x DP
Operating System	Windows 10, Windows 11, Linux	Power Connector	3 Pin Pheonix connector
Power Supply		Expansion Slot	1x PCI-e Gen.4 x16( Front I/O, support NVIDIA A2000)Up to 70W 1x M.2 E-Key (2230, USB2.0/PCI-e Gen.3 x1 interface) support CNVi 1x M.2 B-key (3042, PCI-e Gen.3 x1/USB3.2 Gen.2/USB2.0 interface) support 4G Module
Power Requirement	DC 12-36Vdc w/Power ignition		
Power Consumption	250W		
MTBF (Hours)		Other Interface	
Environmental and Mechanical			
Dimension	190mm(W) x 130mm(D) x 215mm(H)		
Weight	TBD		
Mouting/Installation	Wall mount bracket		
Operating Temperature	0°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
AIS-5530	1. AIS-5530
Raptor Lake-S/Alder Lake-S Intel® LGA1700 Socket processor, Support Max. 35W TDPs, 2 x DDR5 up to 64GB, 4 x M.2 slot and	2. 3-Pin Terminal block
	3. Wall mount bracket Set
	4. Screws Package

## Optional Accessories

Part Number / Item			
DDR4	4GB/8GB/16GB/32GB		
WiFi 6 Module	Intel Wi-Fi 6E AX210NGW + 2 x Antenna + Cables		
4/5G Module	4G / 5G GNSS Module with Antenna		
NVIDIA GPU card	NVIDIA RTX A2000/12G		