



Features

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- 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)

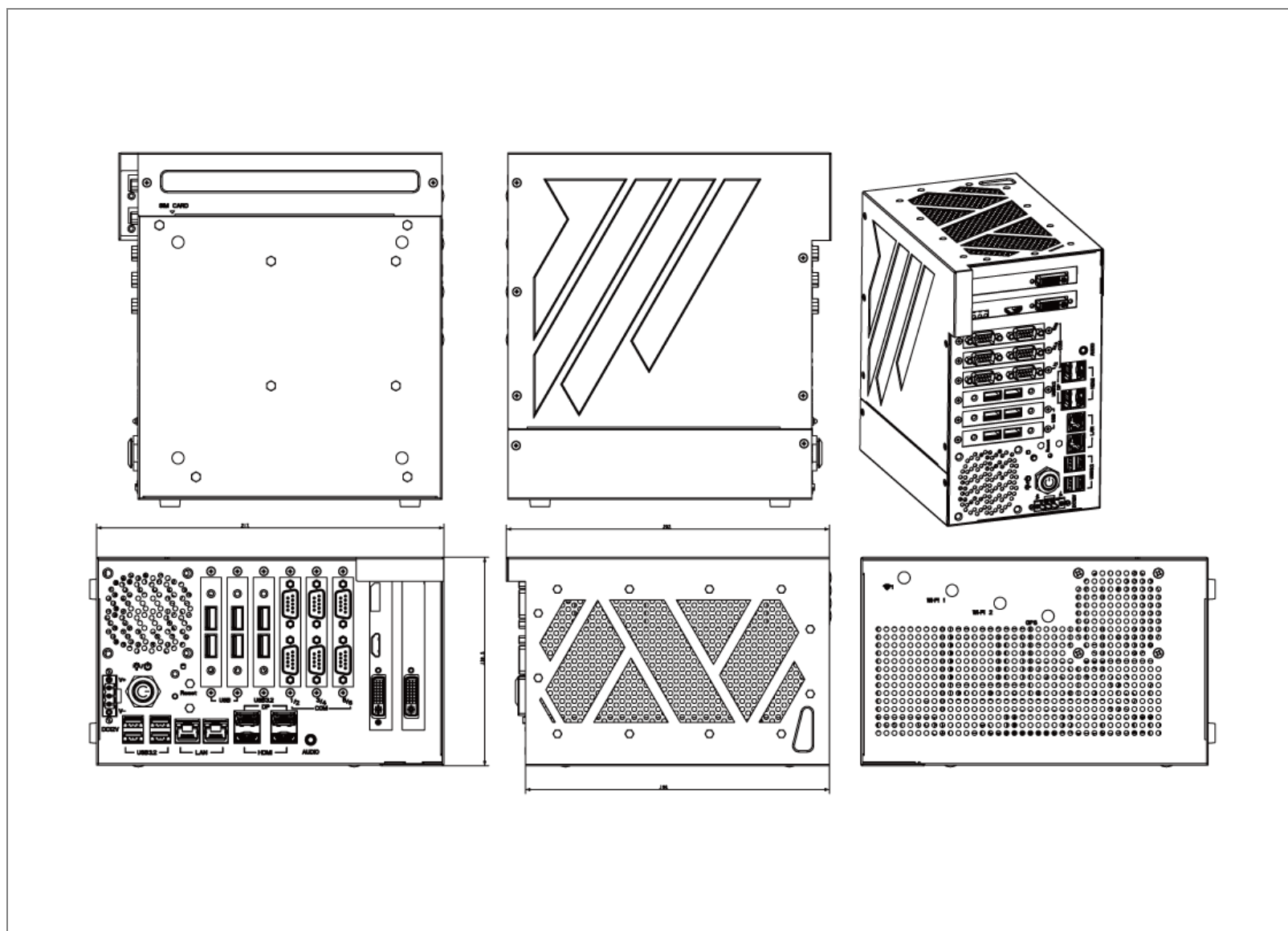
Specifications

System	
CPU/GPU	Intel® 13th/12th LGA1700 Socket Processor (Max. 65W TDPs under 180A)
Memory	2x DDR5 5600MHz/4800MHz SO-DIMM up to 64GB
Storage	2 Internal 2.5" SSD/HDD Tray
Real time clock	Yes
Indicators	Power, HDD,
Wireless	Wi-Fi, 4G/5G Lte
Operating System	Windows 10, Windows 11, Linux
Power Supply	
Power Requirement	DC 12-36Vdc w/Power ignition
Power Consumption	250W
MTBF (Hours)	
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

Interface	
Serial Port	2 x DB9 Type RS-232/RS422/485, 4 x DB9 Type RS-232
Ethernet	1 x RJ45 Type Intel® I225 2.5GbE LAN 1 x RJ45 Type Intel® I22LM 2.5GbE LAN
USB	4x USB3.2 Gen.2,(Type A) 2x USB3.2 Gen.1,(Type A) 4x USB2.0(Type A)
DI/DO	8 x DIO
Audio	1 x Mic-in, 1 Line-in, 1 Line-out
Display	2 x HDMI , 2 x DP
Power Connector	3 Pin Pheonix connector
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
Other Interface	

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		