



Features

- Workstation-grade Platform : 10-core 10th Gen Intel® Xeon®/Core™ i9/i7/i5/i3
- Processor (CML-S) running with Intel® W480E chipset supports max 80W
- TDP CPU
- Support 2 DDR4 3200 SODIMM, up to 64GB (Non-ECC)
- Support 2 GigaLAN, 6 USB 3.2 Gen2
- Support 1 PCIe x16, 1 PCIe x4 expansion slots
- Could Supports one NVIDIA RTX 30 series graphics cards (Max.320W)
- CAN Bus Provide
- Two Front Easy Access 2.5" SATA III Storage Bay
- 9-55Vdc Power Input w/in-vehicle Power Ignition Control, up to 500W Power Input

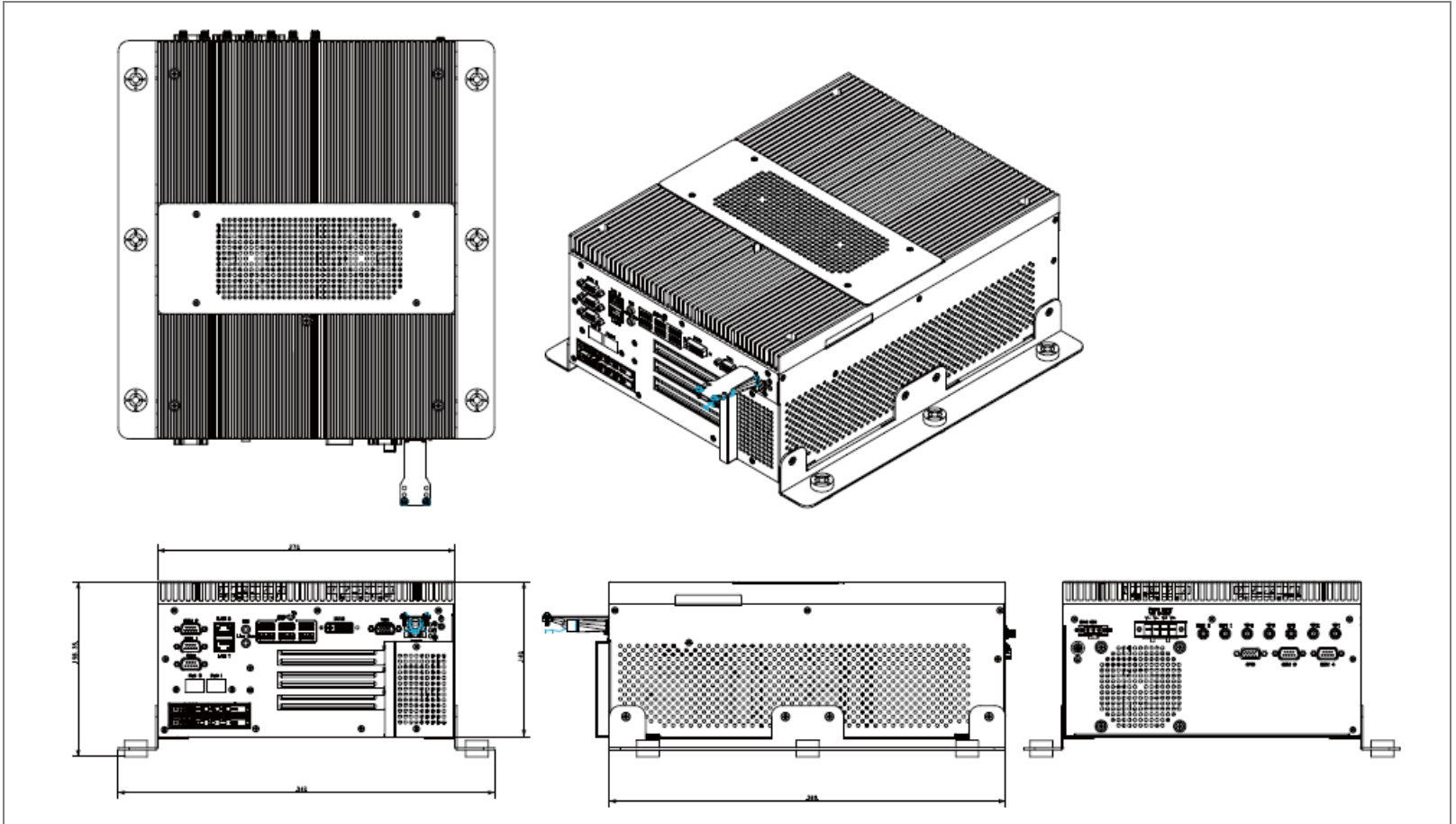
Specifications

System	
CPU/GPU	Intel® 10th Gen. Xeon®/Core™ i9/i7 Processor, support max 80W TDP CPU, socket type, LGA1200
Memory	2 x 260 PIN DDR4-3200 SODIMM supports up to 64GB (Up to 32GB per socket)
Storage	2 Front-access 2.5" SSD/HDD Tray 1 M.2 Key M Socket (2280) NVMe SSD (Internal)
Real time clock	Yes
Indicators	Power, HDD, Status
Wireless	Wi-Fi, 4G/5G Lte
Operating System	Windows 10, Linux
Power Supply	
Power Requirement	9V to 55V, DC-in
Environmental and Mechanical	
Dimension	270mm(W) x 360(D)140mm(H)
Operating Temperature	35W TDP CPU : -30°C to 60°C 65W TDP CPU : -30°C to 50°C 80W TDP CPU : -30°C to 40°C with system fan When Install Graphics Card: -20°C to 45°C with system fan
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	4 DB9 Type RS-232/RS422/485
CAN Bus	1 x DB9 CAN Bus
Ethernet	LAN 1 : RJ45 Type Intel® I210IT GigE LAN LAN 2 : RJ45 Type Intel® I210IT GigE LAN
USB	6 Type A USB 3.2 Gen2
DI/DO	4DI,4DO, DB15 Type connector
Audio	1 Mic-in, 1 Line-out
Display	1 VGA, 1 DVI-D, 1 HDMI1.4b
Power Connector	3-pin Terminal Block ,+, IGN, V- With Ignition control
Expansion Slot	Mini PCIe 2 x Full Size Mini PCIe Slots 1 x M.2 B Key(3042) 1 SIM Slot (Internal) 1 PCIe[x16] Slot, 1 PCIe[x4] Slot
Other Interface	

Dimension

Unit: mm / inch



Ordering Information

Part Number	Packing List
AIS-7000-01	AIS-7000-01
AIS-7000-02	Socket Type CPU Platform, 2 PCIe, AIS-7000-02 Socket Type CPU Platform, 2 PCIe, With System Fan

Optional Accessories

Part Number / Item			
DDR4	4GB/8GB/16GB/32GB	CPU	
WiFi & BT module	WiFi & Bluetooth Module with Dual Antenna	Core i7 Core i7	i7-10700TE i7-10700E
4G Module	4G & GNSS Module with 3 Antennas, 1 GPS antenna	Core i9 Core i9	10900TE i9-10900E
5G Module	5G & GNSS Module with 2 Antennas, 1 GPS antenna	Intel® Xeon Intel® Xeon	W-1270TE W-1270E