

AIS-7000

Industrial Edge Server with
10th Gen Intel® Xeon® & Core™ i7/i9 Processor



Features

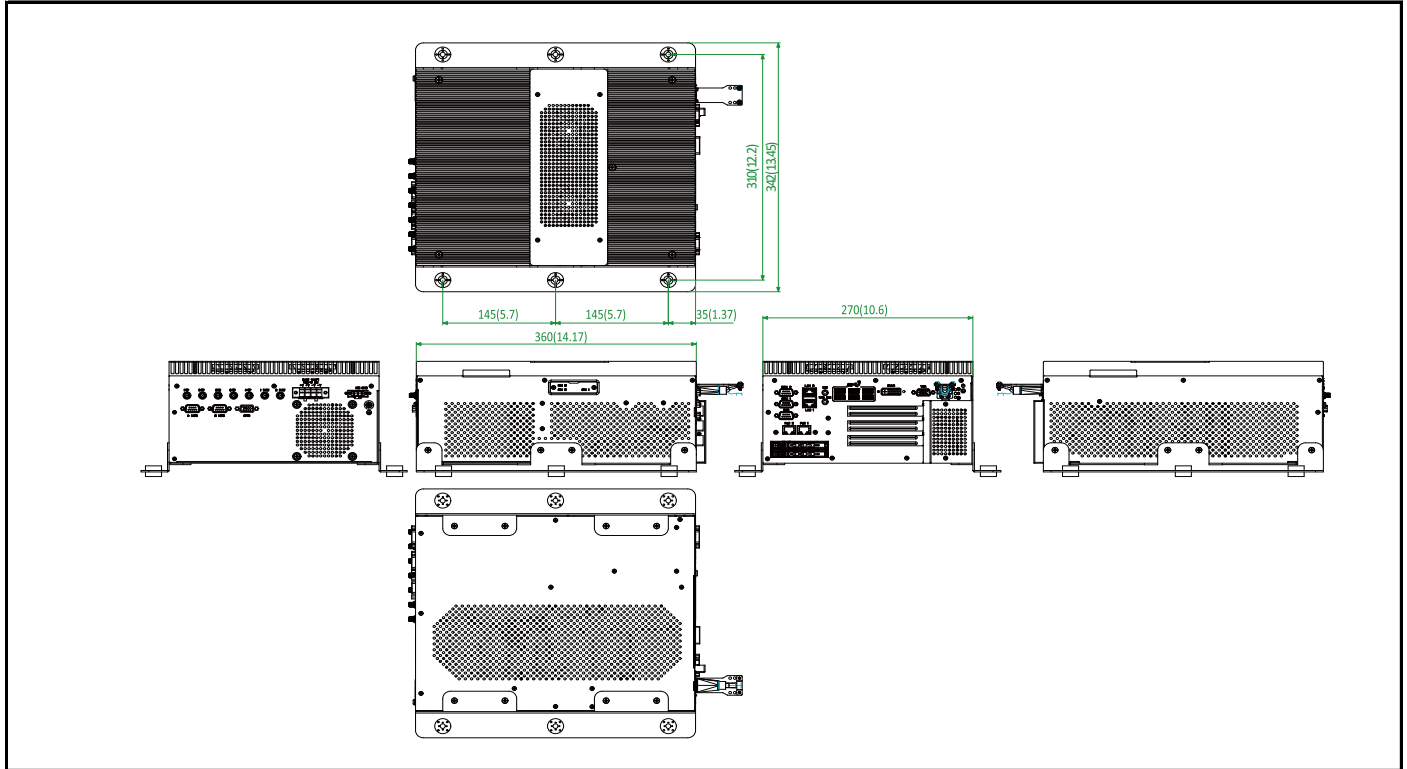
- 10th Gen Intel® Xeon®/Core™ i7/i9 Processor
- 2 x DDR4 SODIMM
- 9 ~ 55 VDC with Ignition
- Support LAN, USB, Display, 2 x SSD, PCIe x16, PCIe x4
- Fanless design/Smart fan

Specifications

System		Interface	
CPU	Intel® 10th Comet Lake/W480E Chipset support max. 80 W TDP CPU	Serial Port	4 x RS232/RS422/485, DB9 Type
Memory	2 x DDR4 SODIMM up to 64 GB	CAN Bus	1 x CAN Bus Isolated DB9
Storage	2 x Front-access 2.5" SSD Bay (RAID 0/1) 1 x M-Key 2280, NVMe SSD	Ethernet	2 x RJ45 Intel® I210IT GbE LAN
Real time clock	Yes	USB	6 x USB 3.2 Gen2 (Type A) 1 x USB 2.0 (Type A)
Security	TPM 2.0 (Optional)	DI/DO	4 x DI, 4 x DO, DB15
Thermal Design	Fanless design/Smart Fan	AI/AO	--
Operating System	Windows 10 (64bit), Ubuntu 20.04	Display	1 x HDMI 1 x DVI-D 1 x VGA
Support Protocol	--	Audio	1 x Mic-in, 1 x Line-out
Power Requirement		PoE	--
Input Voltage	9 ~ 55 VDC	Indicator	1 x Power 1 x HDD 1 x Status
Power Consumption	220 W without GPU	Expansion Slot	2 x mPCIe Full Size slot 1 x M.2 B-key 3042
Power Connector	4 pin terminal block	SIM Slot	2 x SIM Card Socket
Environmental and Mechanical		Antenna	7 x External Antenna holes
Dimension	270 x 360 x 140 mm (10.6" x 14.17" x 5.51")	Console port	--
Weight	7 kg	Other Interface	1 x PCIe x16 slot 1 x PCIe x4 slot 1 x Power Button
Mouting/Installation	Wall Mount		
Operating Temperature	35 W TDP CPU: -30 ~ 60 °C (-22 ~ 140 °F) 65 W TDP CPU: -30 ~ 50 °C (-22 ~ 122 °F) 80 W TDP CPU: -30 ~ 40 °C (-22 ~ 104 °F) with FAN, -20 ~ 45 °C (-4 ~ 113 °F) with Graphics Card		
Storage Temperature	-40 ~ 80 °C (-40 ~ 176 °F)		
Operating Humidity	5% ~ 90% relative humidity (RH), non-condensing		
Certification			
Regulations	CE, FCC		

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 2 x Wall mount bracket
- 1 x Screw Pack
- 1 x 3 Pin Terminal block
- 1 x 4 Pin Terminal block
- 1 x GPU fixing kit (Fan version)

Part Number

2AIS-7000-00-01	AI @Edge Autonomous in-vehicle Server Computer With Fanless design
2AIS-7000-10-01	AI @Edge Autonomous in-vehicle Server Computer With Smart Fan

Optional Accessories

Part Number / Item

8 GB RAM	Memory DDR4 8 GB SODIMM
16 GB RAM	Memory DDR4 16 GB SODIMM
32 GB RAM	Memory DDR4 32 GB SODIMM
Wi-Fi Module	Wi-Fi Module mPCIe with Antenna
4G LTE Module	4G LTE Module mPCIe with Antenna
CPU Model	Intel® Xeon® W-1290TE, Intel® Xeon® W-1270E, Intel® Xeon® W-1270TE, Intel® Xeon® W-1250TE, Intel® Core™ i9-10900E, Intel® Core™ i9-10900TE, Intel® Core™ i7-10700E, Intel® Core™ i7-10700TE