

AI Inference / MegaEdge

MXM Series AIP-SQ67-A1



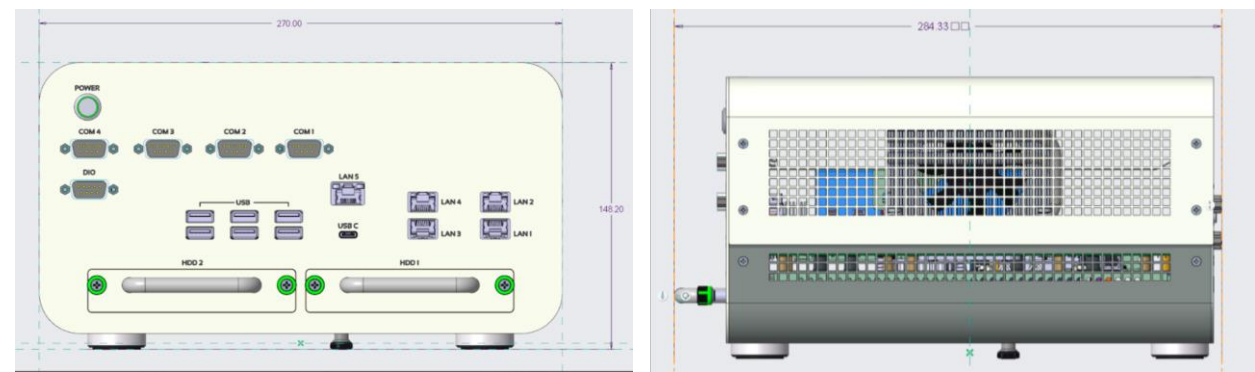
Features

- Supports Intel® 13/14th Gen Core™ i7/i5 processors, TDP under 65W
- Intel® Q670E Chipset
- Supports MXM PCIe Gen4 x16
- 5x DP++(Support MST), 4 from MXM graphic card, 1 from Integrated graphic
- 2x M.2 M-Key NVME Gen 4x4 /SATA
- 5x 2.5G RJ45 LAN Ports
- 6x USB 3.2 Gen2 (10G)
- 1x USB C(20G)
- Built-in out-of-band remote management module

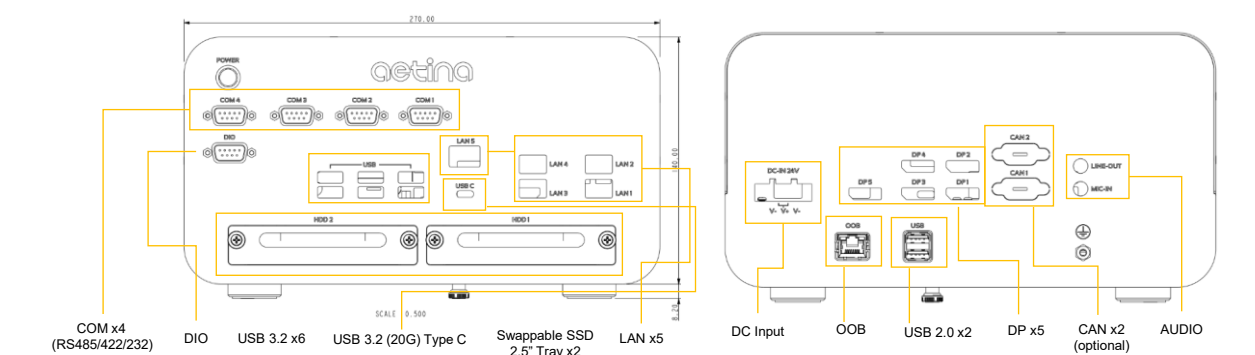
Specifications

Model Number	AIP-SQ67-A1
CPU	Supports Intel® 13/14th Gen Core™ i7/i5 processors, TDP under 65W
Chipset	Intel® Q670E Chipset
GPU Card(Optional)	MXM Type A · Type B · Type B+ (Supports MXM PCIe Gen4 x16)
System Memory	2 x 260-pin Socket Support DDR5 SO-DIMM, Up To 32 GB Per DIMM
Storage	2x 2.5" SATAIII SSD/HDD 2x M.2 M Key Slot, Support PCIe x4 for NVME, Size 2280/SATA
Front I/O	6 x USB3.2 Gen2 (10G) 1 x USB C (20G) 5 x RJ45 LAN Connector(1+4),2.5G bps 4 x RS-232/RS-422/RS-485 (COM1~4) 1 x DIO
Rear I/O	4 x Display Port (DP++, From MXM Port 1/2/3/4) 1 x Display Port(DP++, From CPU) 1 x Audio Jack, Support Line Out/Mic In 2 x CAN Bus-Isolation 2.0B(optional) 2x USB2.0 1x OOB
Expansion	1 x MXM Slot 2 x M.2 M Key Slot, Support PCIe Gen4x4+ SATA Interface for NVME, Size 2280 (w/ Type B/B+ GPU Card needs to use wide temp. M.2 SSD)
Remote-Management Function	OOB (out of band)
Power Consumption	Full loading(Turbo-mode): 361 Watts(w/o MXM)
Power Input /Connector	DC-in 24V / 4-pin Terminal Block
Dimension (W x Dx H)	270.0 x 284.33 x 148.2 mm
Mounting	Desk mount/Wall mount
Net Weight	5.5 kg (12.13 lb)
Vibration	(OP)3 Grms ,IEC60068-2-64,Random,5 ~ 500 Hz ,1Hr / Axis
Shock	(OP)10 G, IEC 60068-2-27, Half Sine, 11 ms Duration
Temperature	Operating Temp.:0℃ ~ + 50℃ (With Expansion Kit)(32℉ ~ 122℉) / Storage Temp.: -40℃ ~ + 85℃ (- 40℉ ~185℉)
Humidity	95% @ 40℃ Related Humidity, Non-condensing
OS Support	Ubuntu 22.04 · Windows 10
Certification	CE/FCC Class B

System & Mounting Dimensions



I/O Mechanical Layout



Ordering Information

Model name	Description
AIP-SQ67-A1	Barebone, Supports Intel® 13/14th Gen CPU(TDP under 65W),2x DDR5, 5x LAN, 8x USB, 4x COM, 5x DP, 8bit DIO, 1x Type-C USB, 2x 2.5"SSD, OOB, Audio, DC 24V, 0~50°C, w/CPU Cooler, w/o CPU, RAM, Storage, Adapter,0~+50°C

