

AI Inference / MegaEdge

MXM Series AIP-SQ37-A1/ AIP-SQ37-A2



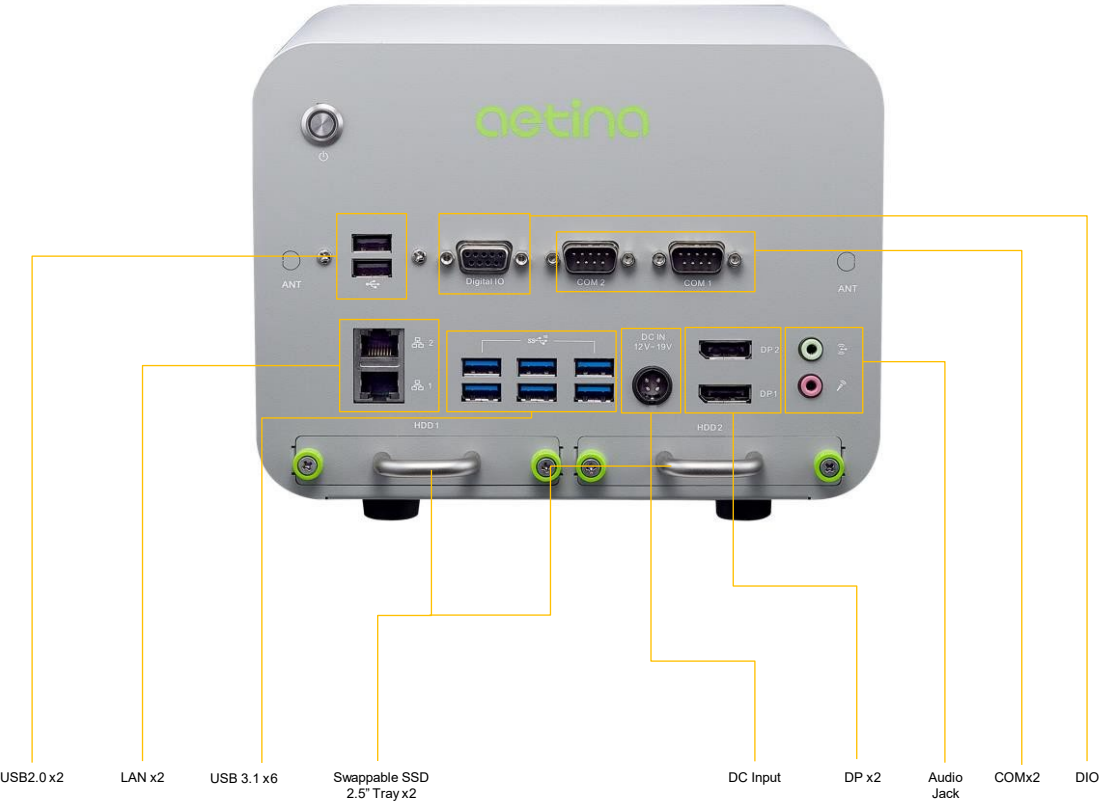
Features

- Supports Intel® 9th Gen Core™ i7/i5 processors, TDP under 65W
- Supports 1x MXM slot and up to type B+
- Multiple expansion slot supporting via M.2 M-key 、M.2 B-key 、mini-PCle slots
- Supports 2x 2.5" SSD and Raid 0/1
- Rich USB support by 6x USB 3.1 and 2x USB 2.0

Specifications

Model Number	AIP-SQ37-A1	AIP-SQ37-A2
CPU	Intel® Core™ i5-9500E Processor	
Chipset	Intel® Q370 Chipset	
GPU Card(Optional)	MXM Type A 、Type B 、Type B+ MXM Card : T1000 、A1000 、A2000 、A4500	
System Memory	2x DDR4 2666 SO-DIMM sockets, Max. Capacity 32 GB/Per DIMM	
Storage	2x 2.5" SATAIII SSD/HDD	
Front I/O	2x Display Ports (1 for CPU, 1 for GPU) 2x GbE LAN 6x USB3.1, 2x USB2.0 1x Line out, 1x Mic in 2x COM Ports (RS-232) 1x DIO(3x DI/3xDO)	
Expansion	1x MXM Slot (Type B plus) 1x M.2 M key slot, support PCIe x4+ SATA interface for NVME, Size 2280 1x M.2 B key slot (support PCIe + USB3) 1x Mini PCIe Full slot (support PCIe + USB)	
Power Input /Connector	1x 4 pin DIN Jack (DC IN 12/19V)	
Dimension (Wx Dx H)	188 mm(W)x40 mm(H)x170 mm(D)	
Temperature	Operating Temp.:0℃ ~ + 50℃ (With Expansion Kit)(32°F ~ 122°F) / Storage Temp.: -40℃ ~ + 85℃ (- 40°F ~185°F)	
Humidity	95% @ 40℃ Related Humidity, Non-condensing	
OS Support	Windows 10 Linux(By project support)	
Certification	CE/FCC Class B	

I/O Mechanical Layout



Ordering Information

Model name	Description
AIP-SQ37-A1	9th Gen Intel® Core™ i5 processor
AIP-SQ37-A2	9th Gen Intel® Core™ i7 processor

Accessory (Optional)

Part No.	Description
32-010000-0005	US Power Cord SVT 18AWG Cable 1800mm Black 105 °C
32-010000-0006	EU Power Cord H05VV-F 0.75mm2/3G SL-6+SL-3 Cable 1800mm Black
53-0C2666-0003	DDR4 SODIMM 2666MT/s 16GB 0~85°C
53-0C2666-0001	DDR4 SODIMM 2666MT/s 32GB 0~85°C
53-0C3TE7-0008	SATA III 2.5" SATA SSD 1T 3TE7 3D TLC 0~70°C BICS4
53-0C3TE7-000B	SATA III 2.5" SATA SSD 1T 3TE7 3D TLC 0~70°C BICS5
53-0F0000-0007	100-240V 330W 19.5V 16.9A BLACK 0~40°C

