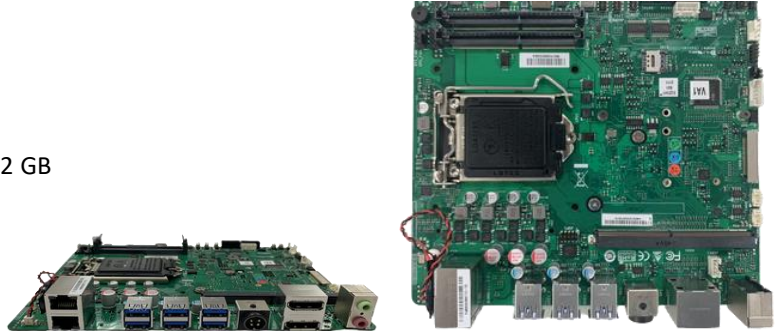


AIB-SQ37-A1

AIB-SQ37-A1 supports Aetina embedded MXM 3.1. Developers are able to customize their own plug-in-play test platforms according to the specifications of the project demands.

Features

- Support Intel 8th Gen. processor
- Support MXM Module(Type-B)
- 2x DDR4 SO-DIMM 2666 MHz, expandable up to 32 GB
- Support 2x DisplayPort and 1x LVDS/eDP
- 1x Mini-PCIe slot, support PCIe and USB interface
- Support 2x SATAIII



Specifications

Model Number	AIB-SQ37-A1
Form Factor	MXM 3.1 Type A/B Supported
Memory	
Memory Size	2x DDR4 SO-DIMM 2666 MHz, Max. 32GB
Display	
Max. Displays per Board	4
Power	
Supplementary Power Connectors	1x DC-In power jack
Mechanical & Environment	
Dimensions (mm)	170 x 188 x 1.5 mm
Operation Temperature(Standard)	0°C ~ +60°C
Operation Humidity	5% ~ 90%

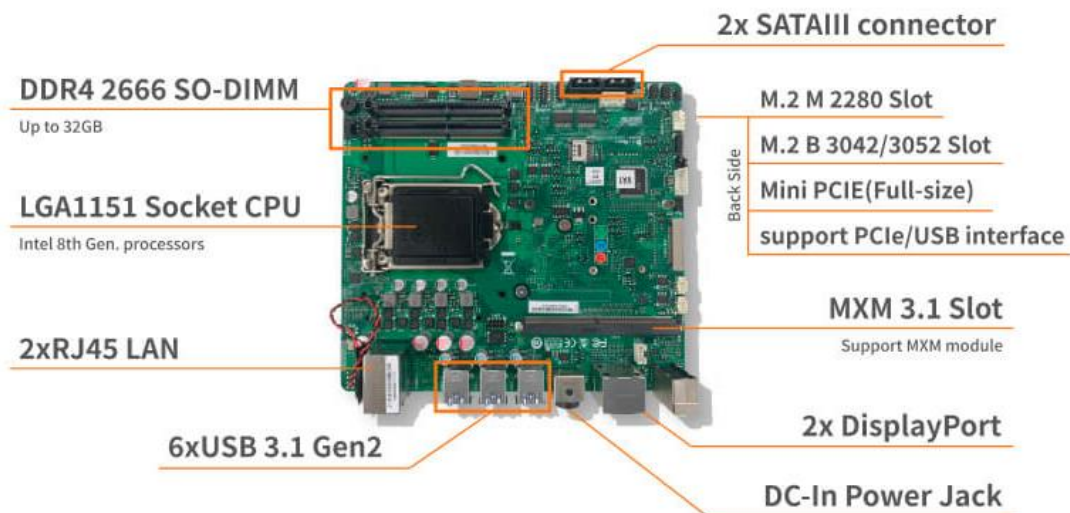
- **Advanced embedded MXM module with parallel computing ability**

AIB-SQ37-A1 is built with high performance embedded MXM modules, which brings amazing parallel computing ability for AI inference and vision computing applications such as automation. Based on hundreds to thousands of NVIDIA computing cores, AIB-SQ37-A1 conquers huge amounts of video/image data with real-time GPU acceleration technology.

- **Most Flexible I/O Connectivity for Deep Learning Project Development**

AIB-SQ37-A1 is designed with industrial-grade components and equipped with rich I/O, including M.2 M/B key, Mini PCIE and other peripherals to enhance the flexibility of testing for embedded deep learning project development. Thus, AIB-SQ37-A1 allows developers to put limited resources in optimization of software and algorithms, saving the cost of hardware testing platform adjustment and building.

- **Expansion Kit I/O & Peripheral Extension Function**



Ordering Information

Model Number	Description
AIB-SQ37-A1	EIQ37-ANT, LGA1151(Coffee lake-S), DDR4 DIMM, DP*2(CPU & MXM), 330W PSU, 0~60℃