

AIB-SQ37-A1

- 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



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Overview

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.

• Advanced embedded MXM module with parallel computing ability

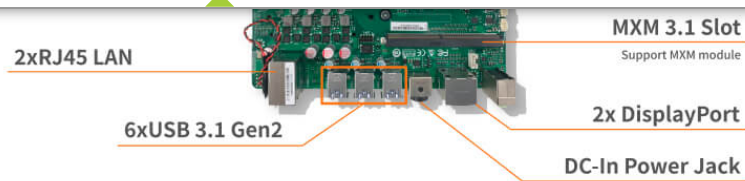
AIB-SQ37-A1 is built with high performance embedded MXM modules, which brings amazing parallel computing ability for AI inference and vision computing applications such as automation. Based on hundreds to thousands of NVIDIA computing cores, AIB-SQ37-A1 conquers huge amounts of video/image data with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





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 3

Power

Supplementary Power Connectors 1x DC-In power jack

Mechanical & Environment

Dimensions (mm) 170 x 188 x 1.5 mm

Operation Temperature(Standard) 0 ~ + 60 °C

Operation Humidity 5% ~ 90%

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Ordering Information

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Related Information

Application

Factory

In the domain of industrial automation, Aetina provides various product that worked by NVIDIA GPU. With parallel computing power from GPUs, Aetina's products can cope with numerous data at the same time. And there are several product lines in Aetina can deal with the situation from the factory.

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Module
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