

AIIS-DIO32

DIO module, 32-bit, 9-pin USB interface

Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

1. 1 x AIIS-DIO module
2. 1 x Cable
3. 2 x Screws
4. 2 x POST (Silver color)
5. 2 x POST (Golden color; 18mm for AIIS-1240)
6. 2 x POST (Golden color; 20mm for AIIS-1440)
7. 1 x Startup manual
8. 1 x China RoHS
9. 1 x Warranty

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Specifications

General Features

- 16 isolated DI and 16 isolated DO channels
- High voltage isolation on all channels (2,500 V)
- Supports 5 ~ 60 Vdc isolated input channels
- Interrupt handling capability
- Timer/counter capability

Support List

AIIS-1240-00A1E
AIIS-1440-00A1E

Note: For more support list, please visit our website.

Mechanical and Environmental

- **Dimensions:** 95.9 mm x 46.2 mm
- **Operating temperature:** 0 ~ 45° C
- **Operating humidity:** 10 ~ 95% @40° C, Non-Condensing
- **Storage temperature:** -40 ~ 70° C
- **Storage humidity:** 10 ~ 95% @60° C, Non-Condensing
- **Weight:** 0.3 kg

Connector

There is one connector on the module is used to connect with AIIS Series Motherboard. The below table lists the function of the connector.

Connectors

Label	Function
USB1	Connecting module and MB

For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>

<http://www.advantech.com/eplatform>

For technical support and service, please visit our support website at:

<http://support.advantech.com>

This manual is for the IPMI-1000 Series.

Part No. 2006IO3200

Print in China

1st Edition
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Installation Guide

1. Remove top cover.
2. Install the AIIS-DIO32 with 2 stand-off and 2 screws.
3. Connecting main board USB12 connector with AIIS-DIO32 USB1 connector via DIO cable.
4. Reinstall top cover.

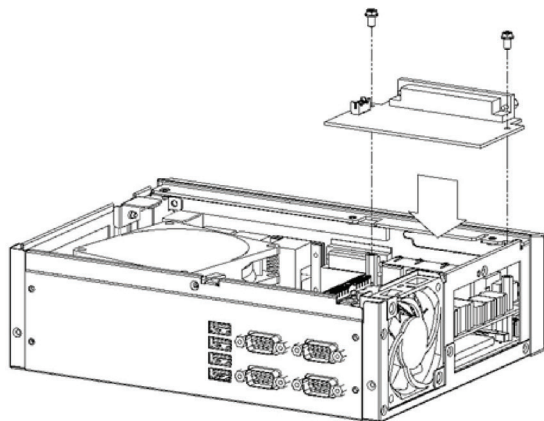


Figure 1: Installation Guide

Dimension

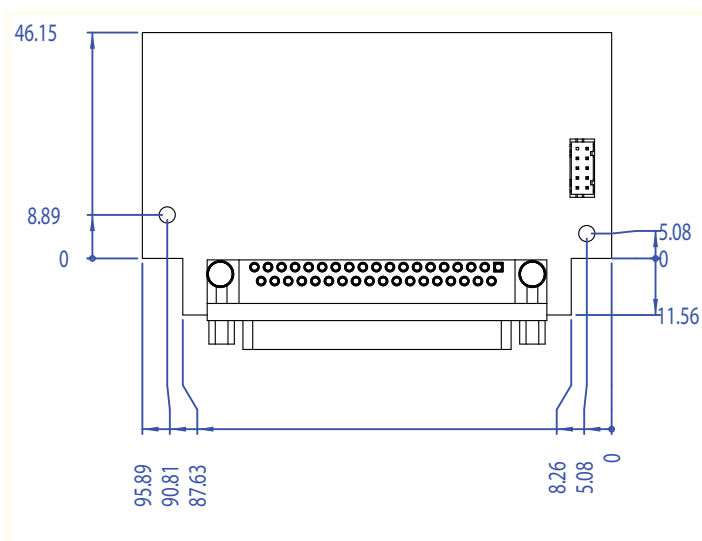


Figure 2: AIIS-DIO32 Dimension

Board Layout

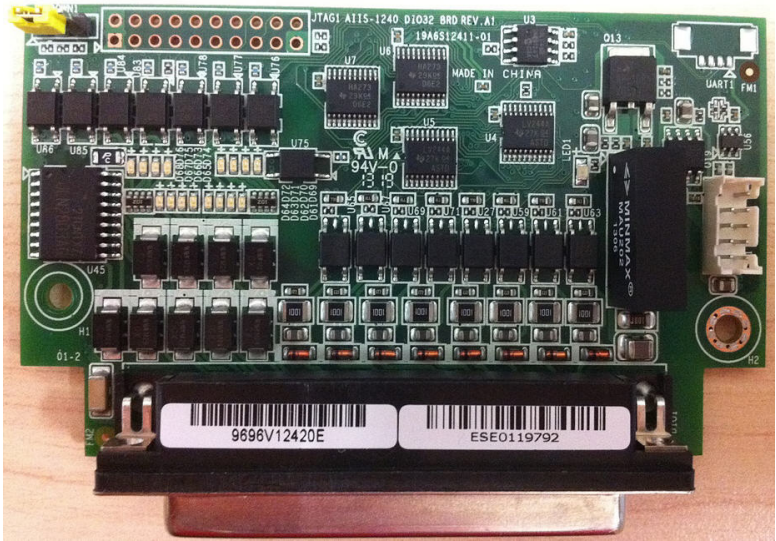


Figure 2: AIIS-DIO32 Top Side Board Layout

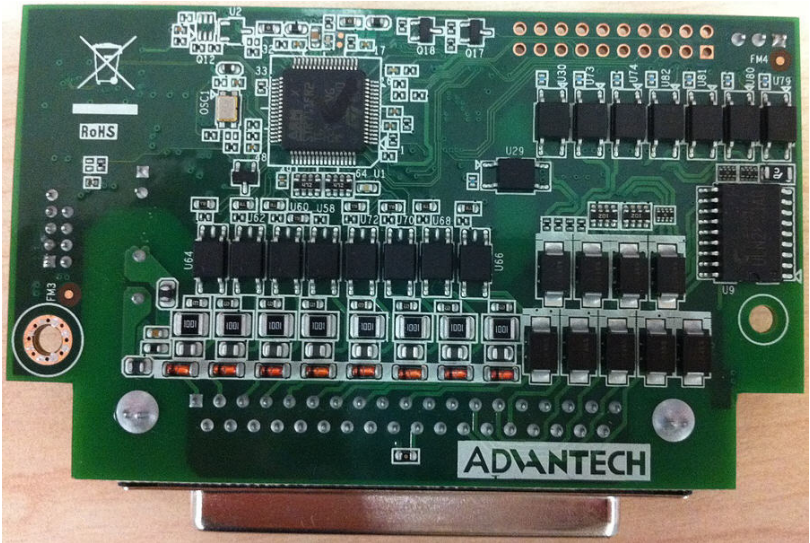


Figure 4: AIIS-DIO32 Bottom Side Board Layout

Mouser Electronics

Authorized Distributor

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