ADVANTECH

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.

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
November 2013

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.

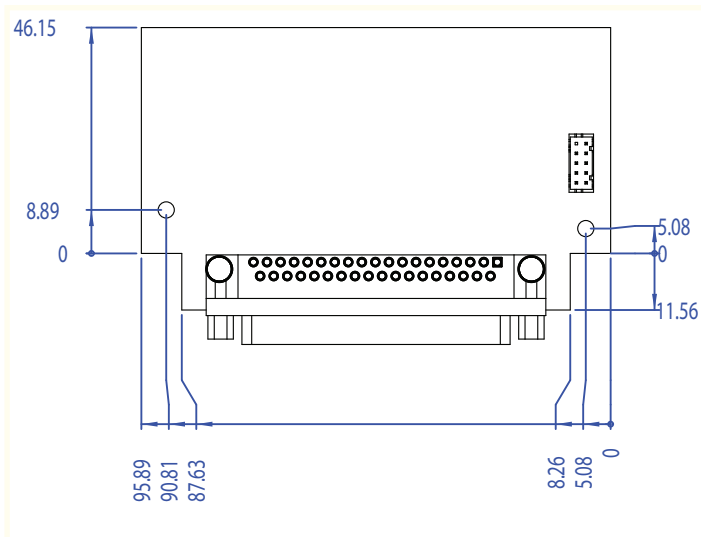| Connectors	
Label	Function
USB1	Connecting module and MB

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.
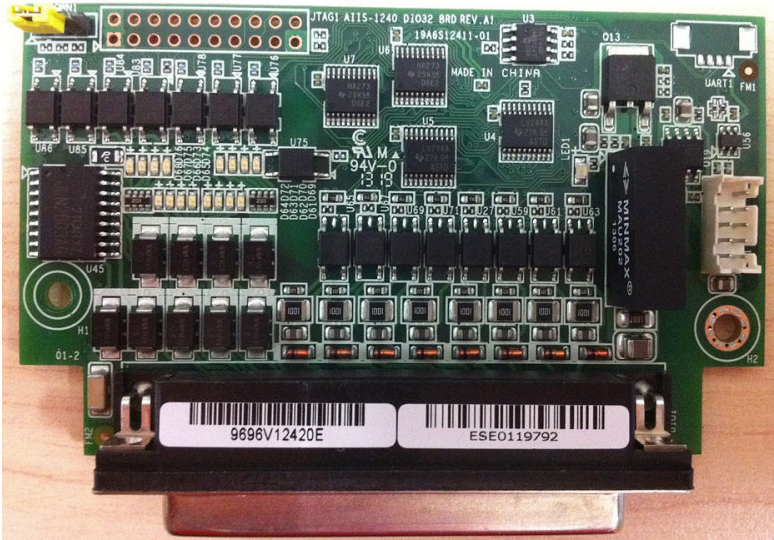4. Reinstall top cover.
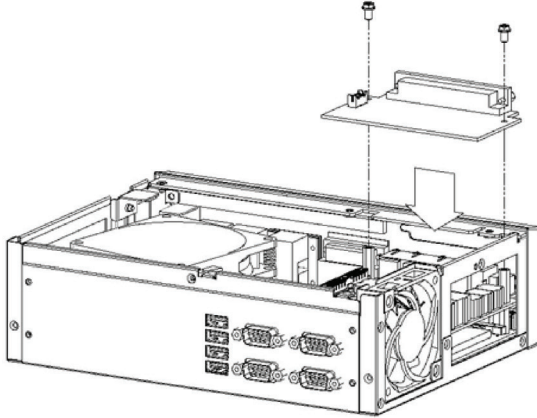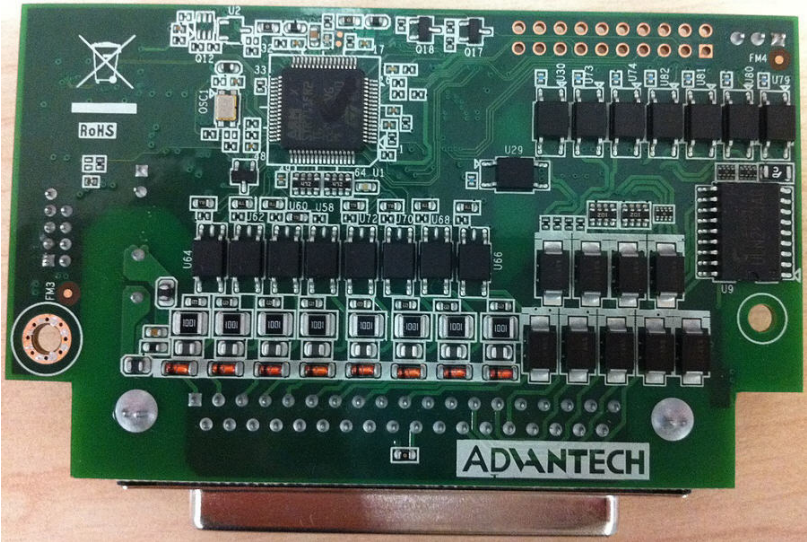

Figure 1: Installation Guide

Dimension

Figure 2: AIIS-DIO32 Dimension

Figure 2: AIIS-DIO32 Top Side Board Layout

Figure 4: AIIS-DIO32 Bottom Side Board Layout

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