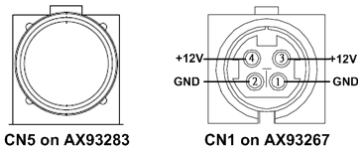


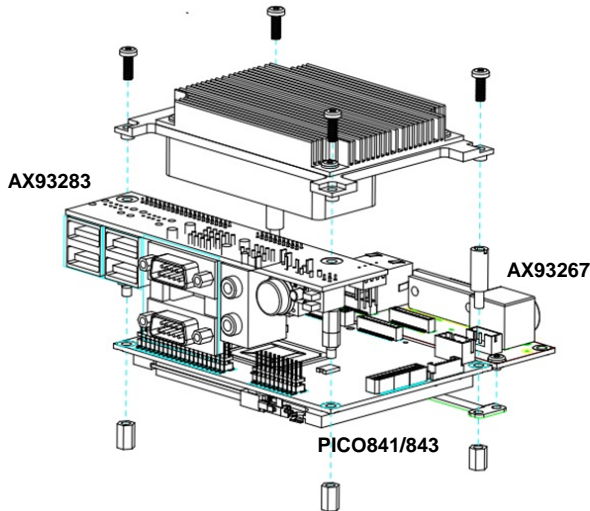
Quick Start



The basic procedures required to power on PICO841/843:

Note: Please refer to AX93283 and AX93267 quick installation guide for I/O board related information.

- (1). Require at least 60W DC power adapter. Before connecting to PICO841/843, ensure that all necessary peripheral devices are plugged properly.
- (2). Ensure all of the jumpers are in their default settings, especially JP4 (1-2 close).
- (3). To ensure normal functioning, DDR3L memory module must be installed into SSODIMM1 until fully seated.
Note: It must be DDR3L memory module.
- (4). Install heatspreader plate, AX93283 and AX93267 I/O boards as indicated in the image below.



- (5). Firmly insert DC power adapter to CN1 on AX93267.
- (6). Press system power switch (CN5) on AX93283 to start PICO841/843.

Note: Before installing Windows® 7, please read Appendix B in the user's manual.

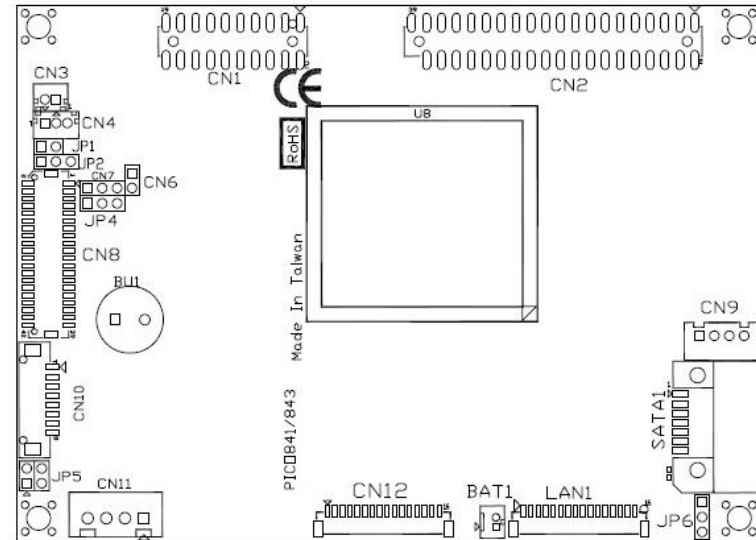
PICO841/843 Quick Installation Guide

Checklist

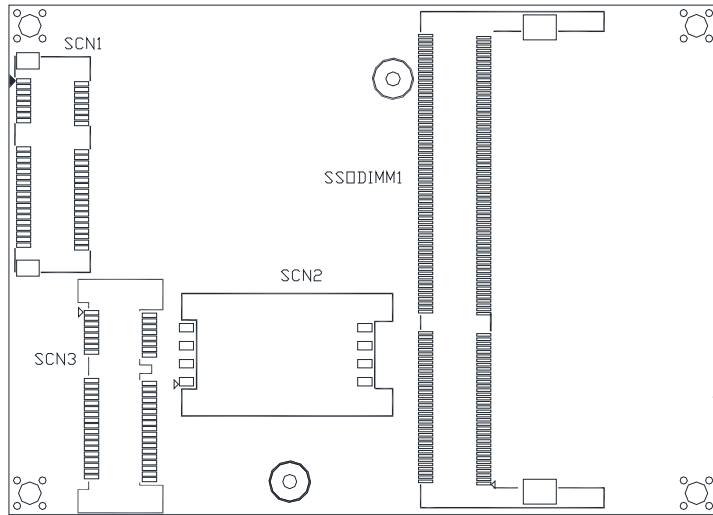
- ✓ Pico-ITX board x1
- ✓ Product information CD x1
- ✓ Quick installation guide x1
- ✓ AX93283 I/O board x1
- ✓ AX93267 I/O board x1
- ✓ SATA cable x1
- ✓ SATA power cable x1
- ✓ Heatspreader x1
- ✓ Heatsink x1

Note: Please contact your local vendors if any damaged or missing items. DO NOT apply power to the board if there is any damaged component.

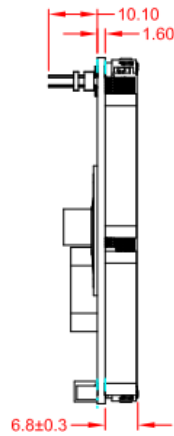
Board Layout



Top View



Bottom View



Side View

Note: Please refer to the PICO841/843 product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.

Jumper Settings

Before applying power to the PICO841/843, please make sure all of the jumpers are in factory default position.

Jumper	Description	Setting
JP1	LVDS +12V Voltage Selection Default: None	None
JP2	LVDS +3.3V/+5V Voltage Selection Default: +3.3V	1-2 Close
JP4	Auto Power On Default: Disable	1-2 Close
JP5	LVDS Brightness Control Mode Setting Default: PWM Mode	1-2 Close
JP6	Restore BIOS Optimal Defaults Default: Normal Operation	1-2 Close

Connectors

Connector	Description
CN1	20-pin Board to Board Connector
CN2	40-pin Board to Board Connector
CN3	Fan Power Connector
CN4	SMBus Connector
CN6	Power LED Header
CN7	External Speaker and Internal Buzzer Header
CN8	LVDS Connector
CN9	SATA Power Connector
CN10	Inverter Connector
CN11	DC Power Connector
CN12	VGA Connector
LAN1	Ethernet Port
SATA1	SATA Connector
BAT1	CMOS Battery Connector
SCN1	Full-size PCI-Express Mini Card and mSATA Connector
SCN2	SIM Card Slot
SCN3	Half-size PCI-Express Mini Card Connector
SSODIMM1	DDR3L SO-DIMM Socket