

Bottom View

NANO840/842 Series Quick Installation Guide

Checklist

- ✓ CPU Board x1
- ✓ Quick Installation Guide x1
- ✓ Product Information CD x1
- ✓ COM Port Cable with Bracket, P=2.0mm x1

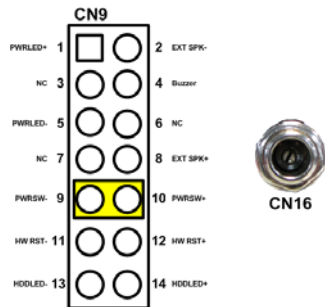
Note: Please contact your local vendors if any damaged or missing items. DO NOT apply power to the board if there is any damaged component.

Please refer to the NANO840/842 series product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.

Connectors

Connector	Description
CN1	Digital I/O Connector
CN2~CN3	COM Connectors
CN4	SATA Power Connector
CN5	Fan Connector
CN7	SMBus Connector
CN8	Inverter Connector
CN9	Front Panel Connector
CN10	LVDS Connector
CN11	Internal USB 2.0 Port 3 and 6
CN12	LAN1, USB 3.0 port 0 and USB 2.0 port 2
CN13	LAN2, USB 2.0 port 4 and 5
CN14	VGA Connector
CN16	DC Power Jack
CN17	Audio Jack
CN18	HDMI Connector
CN19 (Optional)	COM2 Connector
SATA1	SATA Connector
SCN1	Full-size PCI-Express Mini Card Connector
SCN2	Half-size PCI-Express Mini Card Connector
SODIMM	DDR3L SO-DIMM Socket

Quick Start



The basic procedures required to power on NANO840/842:

- (1). Require at least 60W DC adapter. Ensure that all necessary peripheral devices are plugged properly.
- (2). Check the jumper settings and make sure they are in the default position; especially JP6 (close).
- (3). Firmly install DDR3L memory modules into connector SODIMM until fully seated.
- (4). Firmly insert the DC adapter into CN16.
- (5). Install a momentary on/off button/switch onto CN9, pin 9 and 10. See image above.
- (6). Press the power button to start NANO840/842.

Jumper Settings

Before applying power to the NANO840/842, please make sure all of the jumpers are in factory default position.

Jumper	Description	Setting
JP1	COM1 Data/Power Selection Default: RS-232 Data	CN2 Pin 1: DCD
		CN2 Pin 8: RI
JP2	COM1 RS-232/422/485 Mode Setting Default: RS-232	1-3 Close
JP3		2-4 Close
JP4		3-5, 4-6 Close
JP6	Auto Power On Default: Disable	1-2 Close
JP7	LVDS Brightness Control Mode Setting Default: PWM Mode	1-2 Close
JP8	LVDS Voltage Selection Default: +3.3V level	5-6 Close
JP10	Restore BIOS Optimal Defaults Default: Normal Operation	1-2 Close

Board Layout

