

CAPA841/842 Series Quick Installation Guide

Checklist

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

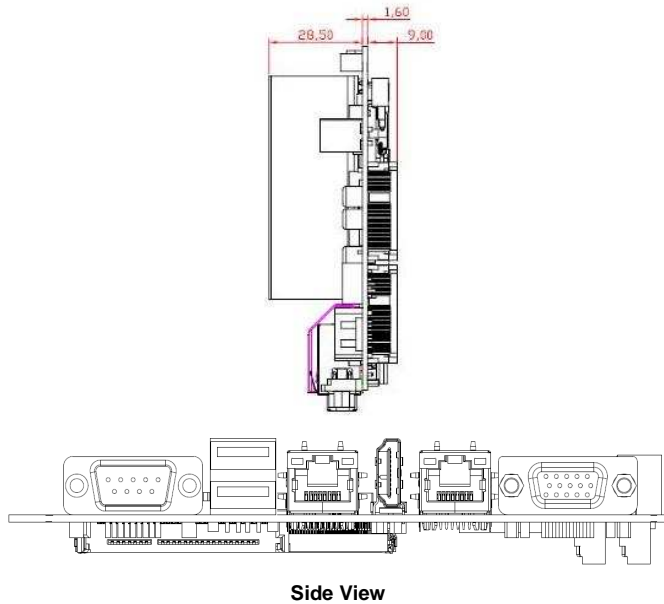
Note: Please contact your local vendors if any damaged or missing items. DO NOT apply power to the board if there is any damaged component.

Note: If the CPU board is with heatspreader, instead of heatsink, please install cables prior to screwing heatspreader.

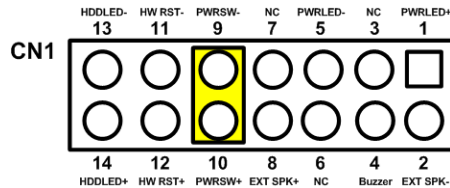
Jumper Settings

Before applying power to the CAPA841/842, please make sure all of the jumpers are in factory default positions.

Jumper	Description	Setting	
JP1	LVDS +3.3V/+5V Voltage Selection Default: +3.3V	1-2 Close	
JP2	Audio Output Selection Default: Line-out	1-3, 2-4 Close	
JP3	LVDS Brightness Control Mode Setting Default: PWM Mode	1-2 Close	
JP4	Restore BIOS Optimal Defaults Default: Normal Operation	1-2 Close	
JP6	LVDS +12V Voltage Selection Default: None	None	
JP7	COM4 Data/Power Selection Default: RS-232 Data	CN11 Pin 11: DCD	3-5 Close
		CN11 Pin 18: RI	4-6 Close
JP8	COM3 Data/Power Selection Default: RS-232 Data	CN11 Pin 1: DCD	3-5 Close
		CN11 Pin 8: RI	4-6 Close
JP10	Auto Power On Default: Disable	1-2 Close	
JP11	COM2 Data/Power Selection Default: RS-232 Data	COM2 Pin 1: DCD	3-5 Close
		COM2 Pin 8: RI	4-6 Close
JP12	COM1 Data/Power Selection Default: RS-232 Data	COM1 Pin 1: DCD	3-5 Close
		COM1 Pin 9: RI	4-6 Close



Quick Start



The basic procedures required to power on CAPA841/842:

- (1). Require power at minimum 2.5A. Ensure that power supply is OFF before connecting to CAPA841/842 and that all necessary peripheral devices are plugged properly.
- (2). Ensure all of the jumpers are at default settings; especially JP10 (1-2 close).
- (3). Firmly install DDR3L memory modules into connector SSODIMM1 until fully seated.
Note: It must be DDR3L memory module.
- (4). Firmly insert power to ATX1.
- (5). Install a momentary on/off button/switch onto CN1, pin 9 and 10.
- (6). Turn on the power supply.
- (7). Press the on/off button/switch to power on CAPA841/842

Connectors

Connector	Description
CN1	Front Panel Connector
CN2	Inverter Connector
CN3	LVDS Connector
CN4	Audio Connector
CN5	Digital I/O Port Connector
CN7	Fan Connector
CN8	SMBus Connector
CN9	USB Wafer Port 2 and 3
CN10	HDMI Connector
CN11	COM3 and COM4 Connector
CN12	SATA Power Connector
CN14	VGA Connector
ATX1	Power Connector
SATA1	SATA Connector
USB1	USB Port 0 and 1
SCFAST1	CFast™ Socket
LAN1~2	Ethernet Port 1~Port 2
COM1	COM1 Connector
COM2	COM2 Connector
BAT1	CMOS Battery Connector
SCN1	Half-size PCI-Express Mini Card Connector
SCN2	Full-size PCI-Express Mini Card Connector
SCN3	SIM Card Slot
SSODIMM1	DDR3L SO-DIMM Connector

Note: Please refer to the CAPA841/842 series product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.

Board Layout

