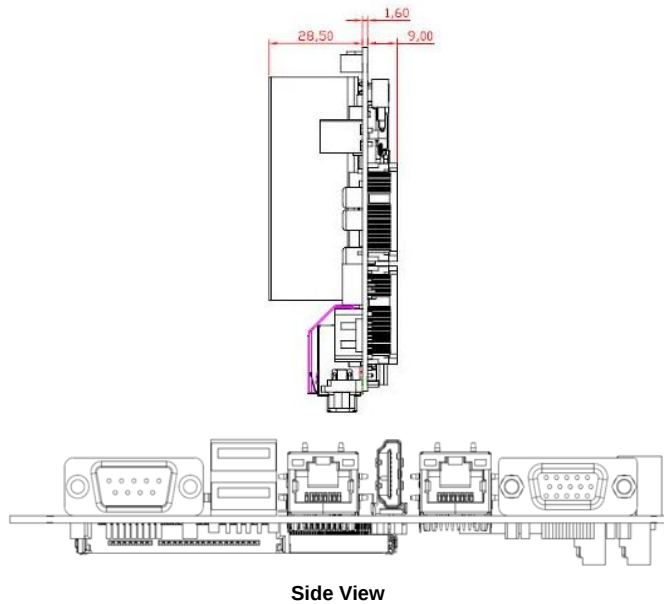
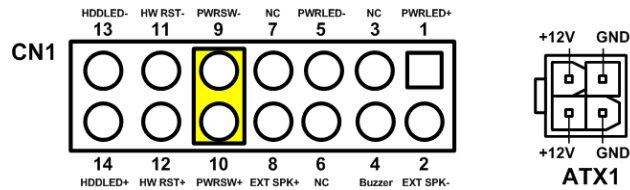




Quick Start



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

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.

Jumper Settings

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

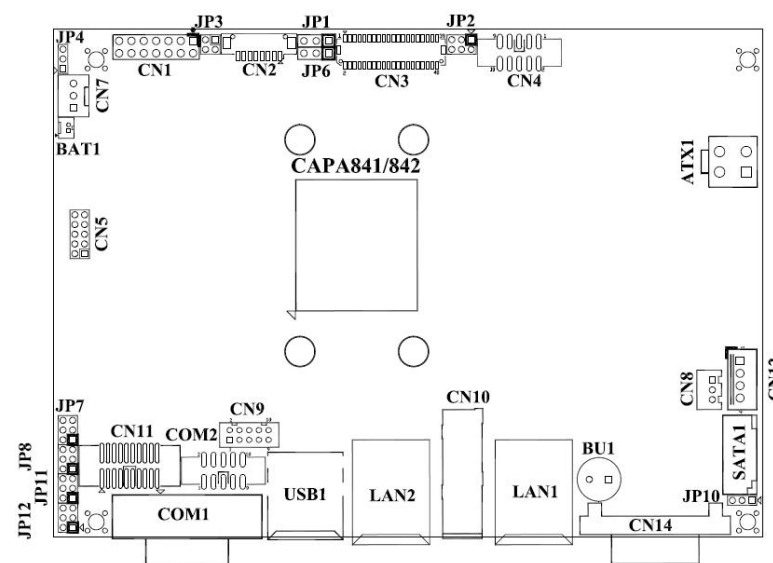
Jumper	Description	Setting
JP1	LVDS +3.3V/+5V Voltage Selection Default: +3.3V	1-2 Close
JP2	Audio Output Selection Default: Line-out	1-3, 2-4 Close
JP3	LVDS Brightness Control Mode Setting Default: PWM Mode	1-2 Close
JP4	Restore BIOS Optimal Defaults Default: Normal Operation	1-2 Close
JP6	LVDS +12V 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

Connectors

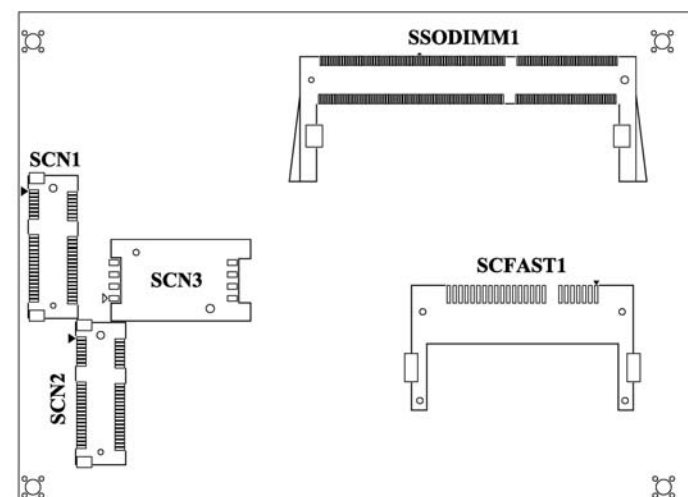
Connector	Description
CN1	Front Panel Connector
CN2	Inverter Connector
CN3	LVDS Connector
CN4	Audio Connector
CN5	Digital I/O Port Connector
CN7	Fan Connector
CN8	SMBus Connector
CN9	USB Wafer Port 2 and 3
CN10	HDMI Connector
CN11	COM3 and COM4 Connector
CN12	SATA Power Connector
CN14	VGA Connector
ATX1	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



Top View



Bottom View