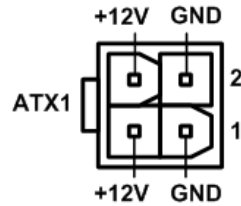
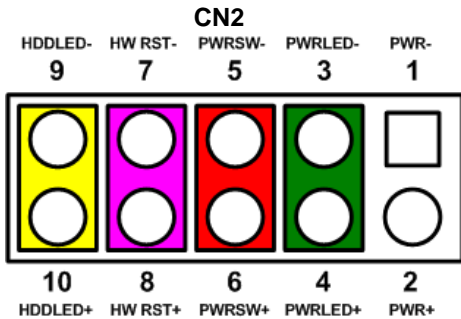


Quick Start



The basic procedures required to power on CAPA312:

- (1). Require power at minimum 1.9A. Check to ensure that power supply is OFF before connecting to CAPA312 and that all necessary peripheral devices are plugged properly.
- (2). Make sure all of the jumpers and switch are at default settings; especially SSW1 (1-2 close).
- (3). Firmly install DDR3L memory module into connector SDIMM1 until fully seated.
- (4). Firmly insert power to ATX1.
- (5). Install a momentary on/off button/switch onto CN2, pin 5 and 6.
- (6). Turn on the power supply.
- (7). Press the on/off button/switch to power on CAPA312.

CAPA312 Series Quick Installation Guide

Checklist

- ✓ CPU board x1
- ✓ Product information CD x1
- ✓ Quick installation guide x1
- ✓ USB cable x1
- ✓ Audio cable x1
- ✓ COM cable x1

Connectors

Connector	Description
CN1	SMBus Connector
CN2	Front Panel Connector
CN3	COM4 Wafer Connector
CN4	COM3 Wafer Connector
CN5	Audio Connector
CN6	Digital I/O Connector
CN7	USB 2.0 Wafer Port 4 and 5
CN11	I2C Connector
CN12	SATA Power Connector
CN13	Fan Connector
CN14	Inverter Connector
CN15	SATA Connector
CN16	LVDS Connector
CN17 (Optional)	COM1 Wafer Connector
CN18	COM2 Wafer Connector
CN19	HDMI Connector
CN20	USB 3.0 Port 0 and 1
CN21	USB 3.0 Port 2 and 3
CN22	COM1 D-Sub Connector
CN23 (Optional)	VGA Connector
ATX1	ATX Power Connector
LAN1~LAN2	Ethernet Port 1 and 2
SCN1	Full-size PCI-Express Mini Card Connector
SCN2	SIM Card Socket
SCN3	Full-size PCI-Express Mini Card or mSATA Connector
SCN4 (Optional)	eDP Connector
SDIMM1	DDR3L SO-DIMM Connector

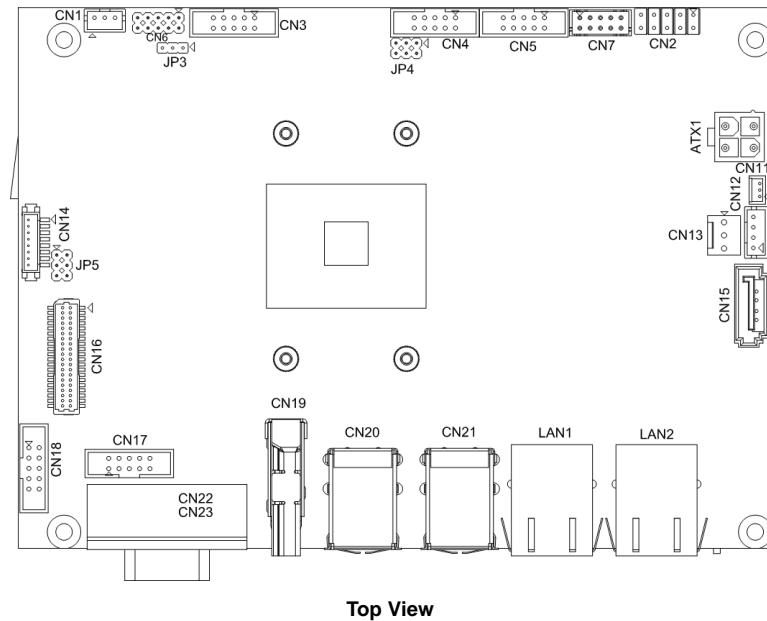
Jumper and Switch Settings

Before applying power to the CAPA312, please make sure all of the jumpers and switch are in factory default positions.

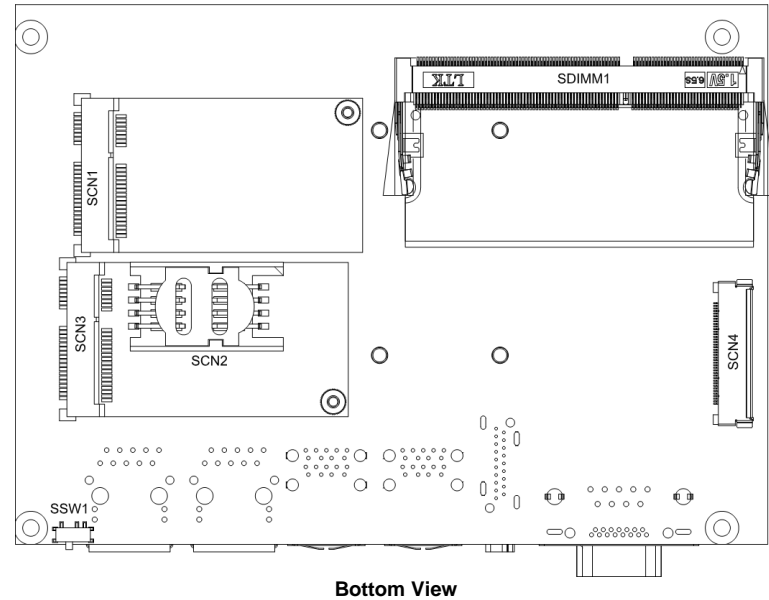
Jumper/Switch	Description	Setting
JP3	Restore BIOS Optimal Defaults Default: Normal Operation	1-2 Close
JP4	COM3 Data/Power Selection Default: RS-232 Data	CN4 Pin 1: DCD 3-5 Close
		CN4 Pin 8: RI 4-6 Close
JP5	LVDS and eDP +3.3V/+5V/+12V Voltage Selection Default: +3.3V	1-2 Close
SSW1	Auto Power On Default: Disable	1-2 Close

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.

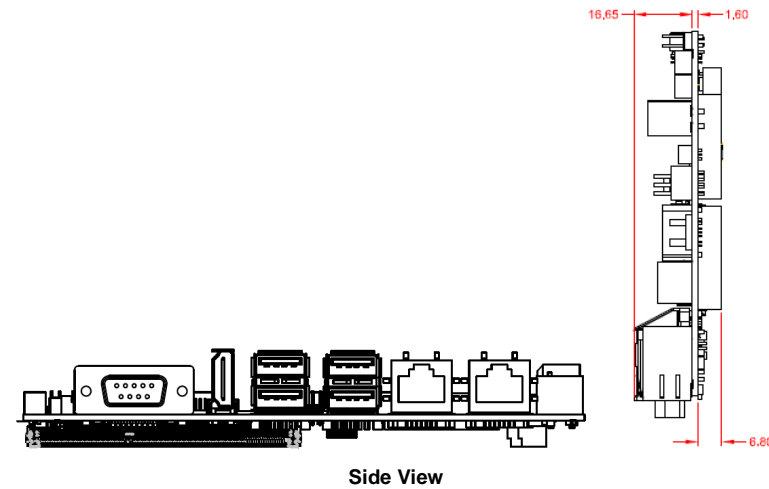
Board Layout



Top View



Bottom View



Side View

Note: Please refer to the CAPA312 series product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.