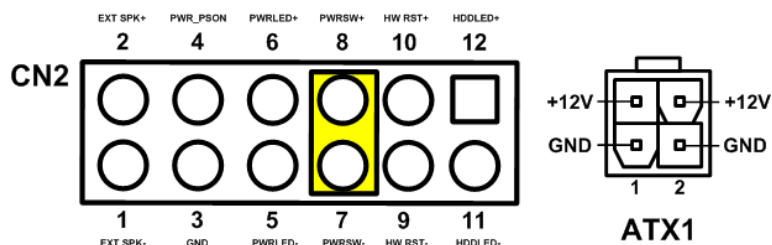


## Quick Start



The basic procedures required to power on CAPA13R:

- (1). Require power at minimum 2.68A. Check to ensure that power supply is OFF before connecting to CAPA13R and that all necessary peripheral devices are plugged properly.
- (2). Install suitable cooling fan.
- (3). Make sure all of the jumper and switch are at default settings; especially SSW1 (1-2 close).
- (4). Install DDR4 memory module into connector DIMM1 until fully seated.
- (5). Firmly insert power to ATX1.
- (6). Install a momentary on/off button/switch onto CN2, pin 7 and 8.
- (7). Turn on the power supply.
- (8). Press the on/off button/switch to power on CAPA13R.

## CAPA13R Series Quick Installation Guide

### Checklist

- ✓ CPU Board x1
- ✓ Cooling Fan x1 (Optional)
- ✓ Cooling Fan Cable x1 (Optional)

### Connectors

Connector	Description
CN1	LVDS Connector
CN2	Front Panel Connector
CN4	Inverter Connector
CN5	USB 2.0 Wafer Connector
CN7	SIM Card Wafer Connector
CN8	Digital I/O Connector
CN9, CN11	COM1 and COM2 Wafer Connectors
CN10	M.2 2242/3042 Key B Connector
CN12	SATA Connector
CN13	M.2 2230 Key E Connector
CN14, CN16	Ethernet Port 4 and Port 3 Wafer Connectors
CN15	SATA Power Connector
CN17	Audio Wafer Connector
CN18	USB 3.1 Port 1 and 2
CN19	DisplayPort Connector
CN20, CN21	HDMI Connectors
CN22, CN23	Ethernet Port 1 and 2
ATX1	ATX Power Connector
SCN1	Fan Connector
SCN2	DC +5V/15W Power Output Connector
DIMM1	DDR4 SO-DIMM Connector

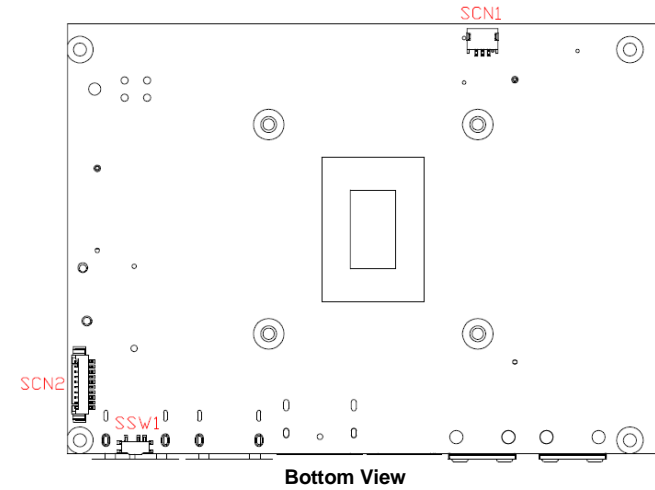
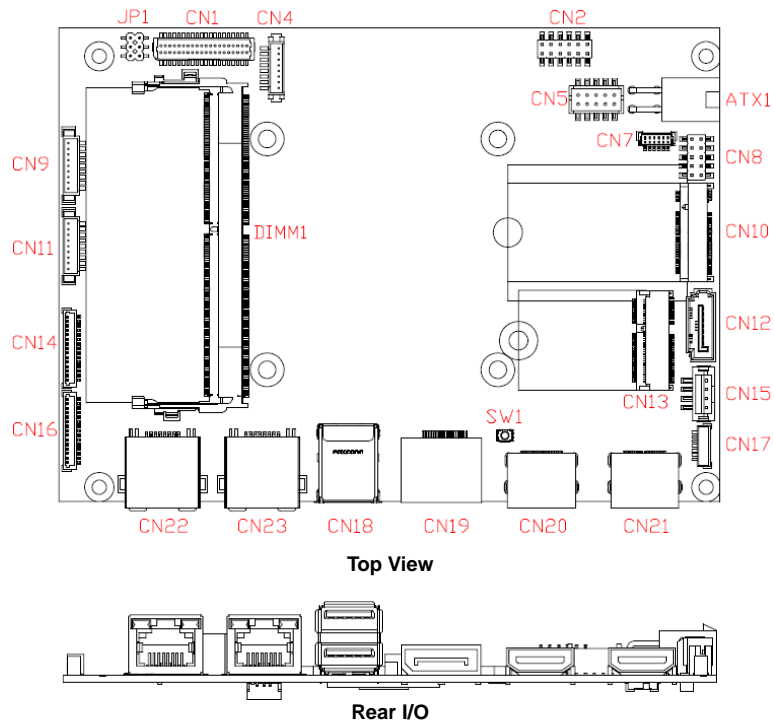
## Jumper and Switch Settings

Before applying power to the CAPA13R, please make sure all of the jumper and switch are in factory default positions.

Jumper/Switch	Description	Setting
JP1	LVDS Voltage Selection Default: +3.3V Level	1-2 Close
SW1	Restore BIOS Optimal Defaults Default: Normal Operation	Release
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



**Note:** Please refer to the CAPA13R series product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.

## Installing Cooling Fan

