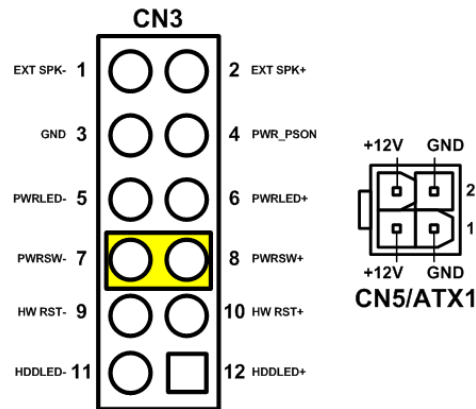


## Quick Start



The basic procedures required to power on CAPA84R:

- (1). Require power at minimum 12V/0.87A. Check to ensure that power supply is OFF before connecting to CAPA84R and that all necessary peripheral devices are plugged properly.
- (2). Install suitable heat dissipation device, ex: heatsink...etc.
- (3). Make sure all of the jumper and switch are at default settings; especially SW2 (1-2 close).
- (4). Install DDR3L memory module into connector SODIMM1 until fully seated.
- (5). Firmly insert power to CN5/ATX1.
- (6). Install a momentary on/off button/switch onto CN3, pin 7 and 8.
- (7). Turn on the power supply.
- (8). Press the on/off button/switch to power on CAPA84R.

## CAPA84R Series Quick Installation Guide

### Checklist

- ✓ CPU Board x1
- ✓ Product Information DVD x1
- ✓ Quick Installation Guide x1
- ✓ Heatsink or Heatspreader(Optional)

### Connectors

Connector	Description
CN1	SMBus Connector
CN2	Digital I/O Connector
CN3	Front Panel Connector
CN5/ATX1	DC +12V Power Input Connector
CN7	Fan Connector
CN8	DC +5V/15W Power Output Connector
CN9	M.2 2230 Key E Connector
CN10	SATA Power Connector
CN11	SIM Card Wafer Connector
CN12	SATA Connector
CN13	M.2 2242/3042 Key B Connector
CN14	USB 2.0 Port 1 and 2 Wafer Connector
CN15	Inverter Connector
CN16	Audio Line-in/Line-out/Mic-in Wafer Connector
CN17	Ethernet Port 3 Wafer Connector
CN18	LVDS Connector
CN19	USB 3.0/2.0 Port 0 Type A Connector
CN20	DisplayPort Connector
CN21, CN23	Ethernet Port 1 and 2
CN22	Audio Line-out Phone Jack
VGA1	VGA Connector
COM1, COM2	COM1 and COM2 Wafer Connector
BAT1	CMOS Battery Connector
SODIMM1	DDR3L SO-DIMM Connector

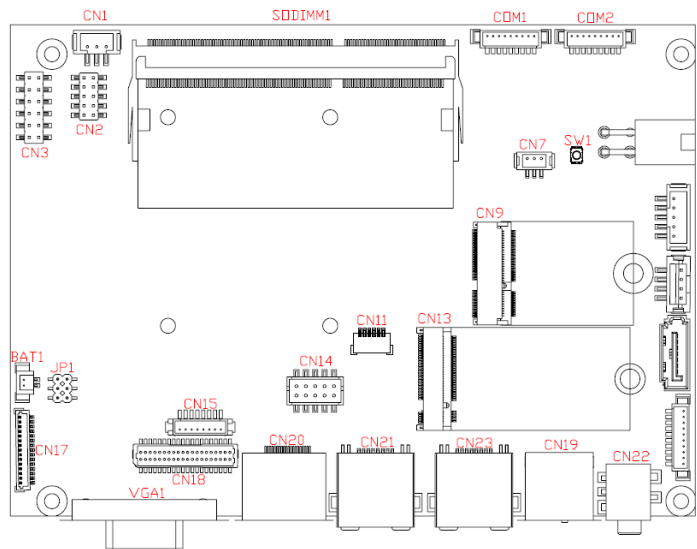
## Jumper and Switch Settings

Before applying power to the CAPA84R, please make sure all of the jumper and switch are in factory default positions.

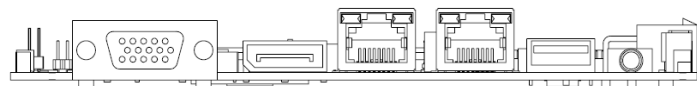
Jumper/Switch	Description	Setting
JP1	LVDS Voltage Selection Default: +3.3V Level	1-2 Close
SW1	Restore BIOS Optimal Defaults Default: Normal Operation	Release
SW2	Auto Power On Default: Disable	1-2 Close

**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.

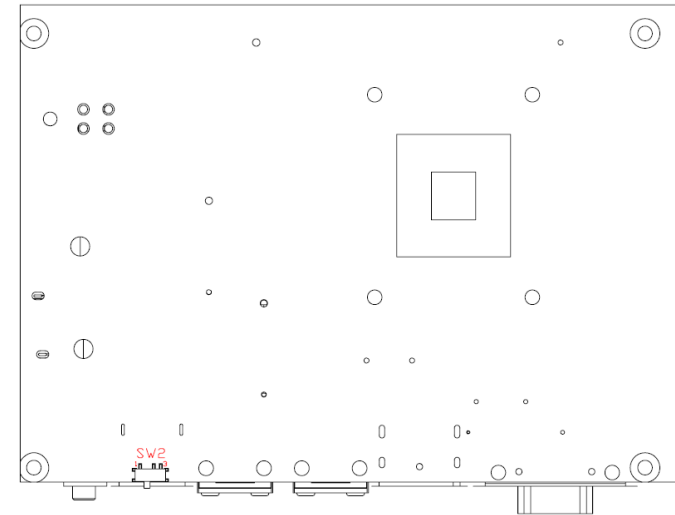
## Board Layout



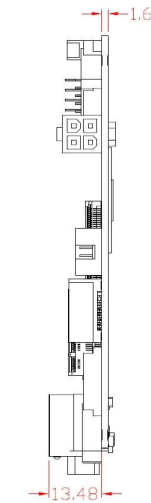
Top View



Rear I/O



Bottom View



Side View

**Note:** Please refer to the CAPA84R series product information CD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.