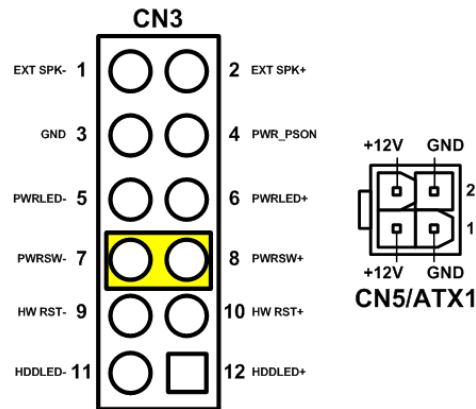


Quick Start



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 or heatspreader...etc. (See user's manual for the instructions of assembling heatsink or heatspreader.)
- (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

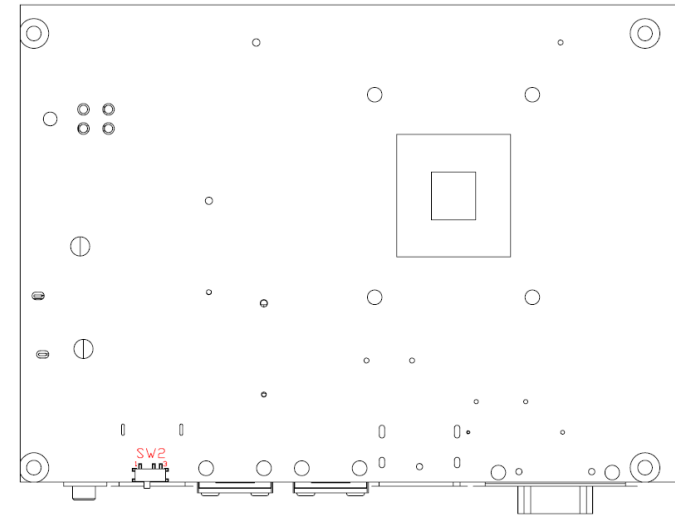
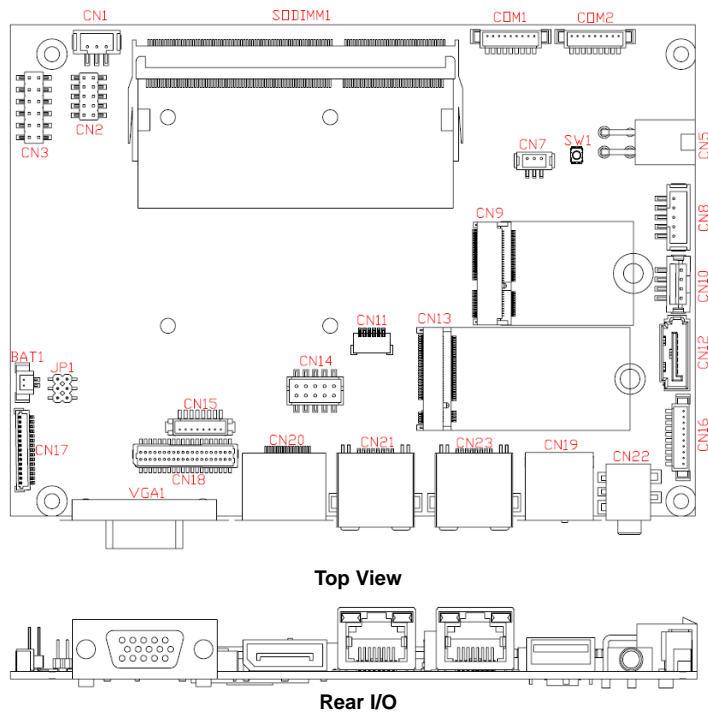
Jumper and Switch Settings

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

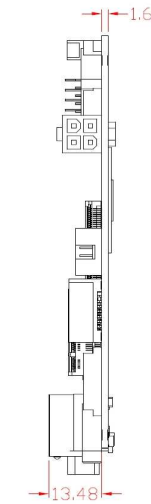
Jumper/Switch	Description	Setting
JP1	LVDS Voltage Selection Default: +3.3V Level	1-2 Close
SW1	Restore BIOS Optimal Defaults Default: Normal Operation	Release
SW2	Auto Power On Default: Disable	1-2 Close

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



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.