## Quick Start



GND

GND

+12V

ATX1

Power Cable

+12V
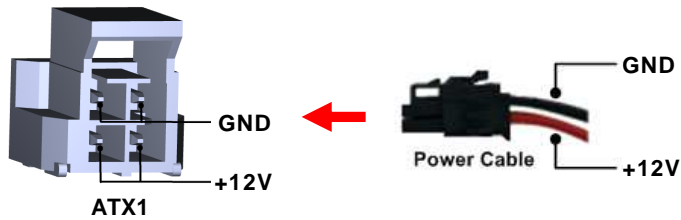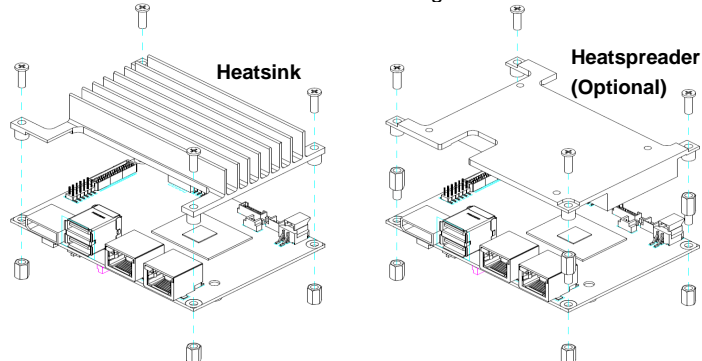
The basic procedures required to power on PICO318/319:

(1). Make sure that all necessary peripheral devices are plugged properly.
(2). Check all jumper settings and make sure they are at default settings; especially SSW1 (2-3 close).
(3). To ensure normal functioning, DDR3L memory module must be installed into SDIMM1 until fully seated.
(4). Install thermal solution as indicated in image below.



**Heatsink**

**Heatspreader (Optional)**

(5). Firmly insert the DC power cable into ATX1 with minimum 12V/2A power.
(6). Power on the system by turning on the power supply.

*Note:* *Please make sure to purchase the thermal solution, either heatsink or heatspreader*
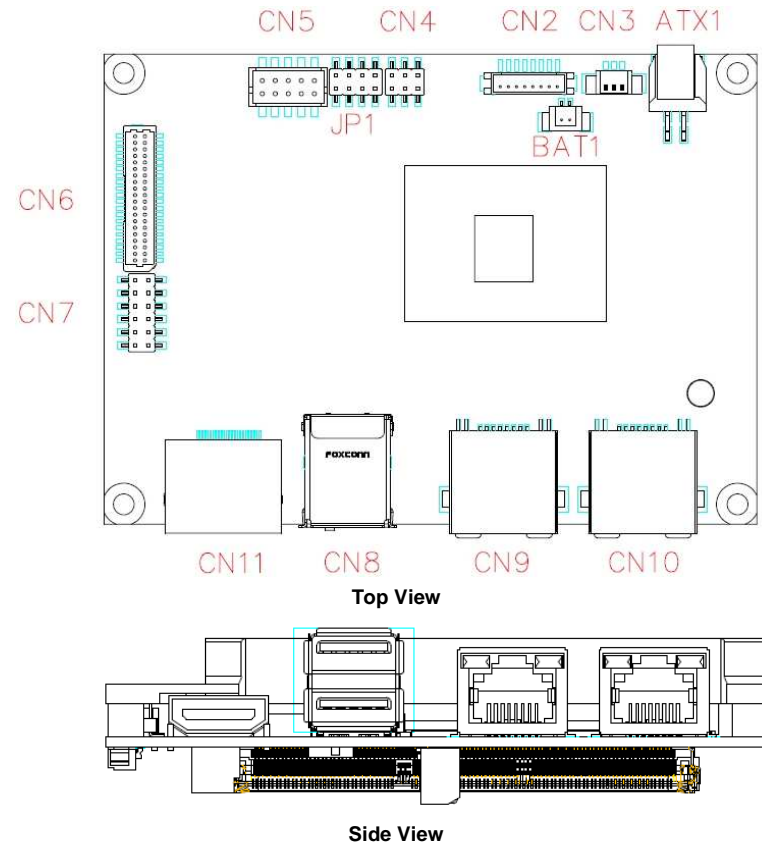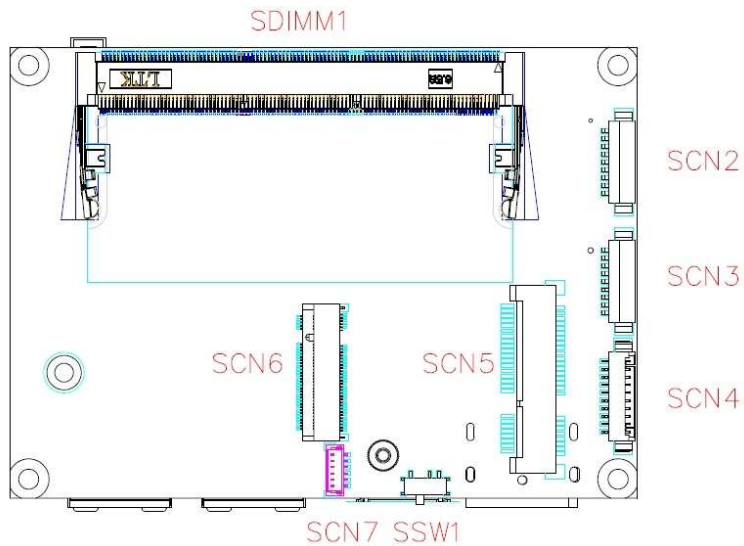
# PICO318/319 Quick Installation Guide

## Checklist

✓ Pico-ITX Board x1      ✓ DC-in Power Cable x1
✓ Product Information DVD x1      ✓ Quick installation Guide 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.*

## Board Layout



**Top View**



**Side View**

**Bottom View**

*Note:* *Please refer to the PICO318/319 product information DVD for the complete user's manual, drivers and utilities. User's manual and related documents are in Acrobat PDF format.*

## Jumper and Switch Settings

Before applying power to the PICO318/319, please make sure all of the jumper and switch are in factory default position.

| Jumper and Switch | Description | Setting |
|---|---|---|
| JP1 | LVDS +3.3V/+5V/+12V Voltage Selection Default: +3.3V Level | 5-7 Close |
| | Restore BIOS Optimal Defaults Default: Normal Operation | 4-6 Close |
| SSW1 | Auto Power On Default: Enable | 2-3 Close |

## Connectors

| Connector | Description |
|---|---|
| CN2 | Inverter Connector |
| CN3 | SMBus Connector |
| CN4 | Digital I/O Connector |
| CN5 | USB 2.0 Wafer Connector |
| CN6 | LVDS Connector |
| CN7 | Front Panel Connector |
| CN8 | USB 3.0 Ports |
| CN9, CN10 | Ethernet Ports |
| CN11 | DisplayPort Connector |
| ATX1 | Power Connector |
| BAT1 | CMOS Battery Connector |
| SCN2, SCN3 | COM1 and COM2 Wafer Connectors |
| SCN4 | Audio Wafer Connector |
| SCN5 | Half-size PCI-Express Mini Card and mSATA Connector |
| SCN6 | M.2 2242 Key B Connector |
| SCN7 | SIM Card Wafer Connector |
| SDIMM1 | DDR3L SO-DIMM Connector |