Quick Installation Guide
EC700-AL

Package Contents

- EC700-AL System Unit
- Mounting screws for SATA, Mini PCIe and M.2

Panel

Status LED
Reset Switch

DP

VGA   COM 3   COM 4   LAN3[1]   Power Button

Front View

Antenna hole

LAN 4[3]   LAN 1[3]

USB 3.0[2]   LAN 2[3]   COM 2   COM 1

9~36V DC-in

Rear View

Grounding
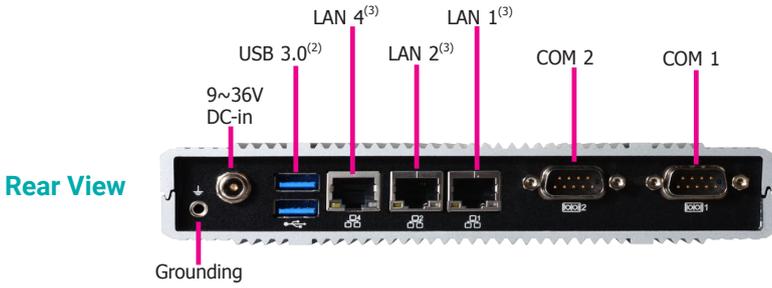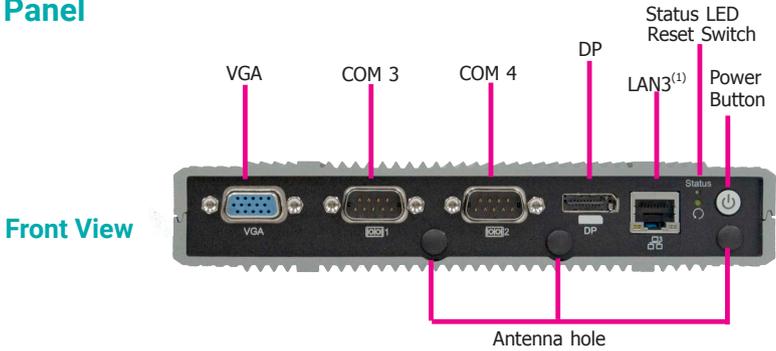
Note:
1. This GbE port is available in certain SKUs.
2. The system offers 2 or 4 USB 3.0 ports depending on the SKU.
3. The system offers 2 or 3 GbE ports depending on the SKU.

Aligning side (left)   Angled-corner pin   Angled-corner (up)   Align this edge with the left side of the connector

Removing the Chassis Cover

Before working inside your system, observe the following precautions:

1. Make sure the system and all other peripherals connected to it have been powered off.
2. Disconnect all power cords and cables.
3. The 4 mounting screws on the bottom of the system are used to secure the cover to the chassis. Remove these screws and put them in a safe place for later use.


Chassis screw

Chassis screw
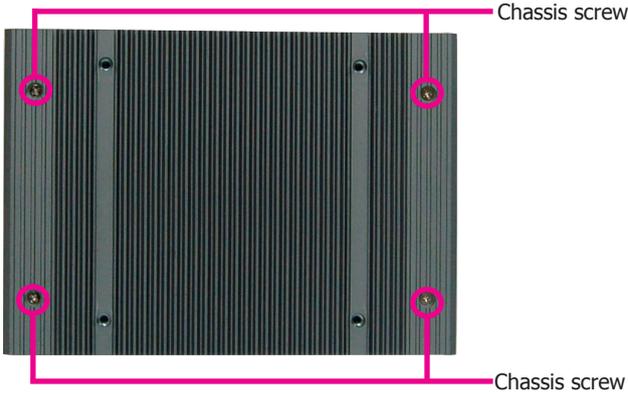
Installing a SODIMM

The system supports one DDR3L SODIMM socket (plus 2GB/4GB/8GB onboard memory). To install a memory module, grasp the memory module by its edges and align the module's notch with the socket's notch; then insert the memory into the socket at an angle and push it down until you feel a click.

45°

Step 1

Step 2

Step 3
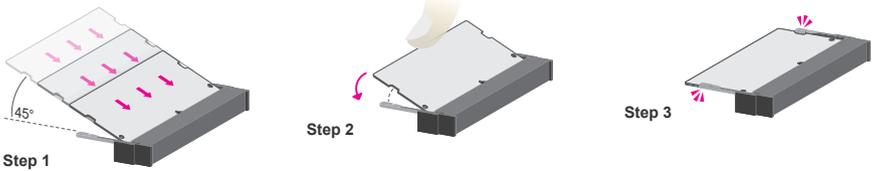
Installing a SATA Drive (optional)

The system supports one 2.5" SATA drive depending on the model. Use 4 provided screws to install a SATA HDD or SSD on the HDD tray. Be sure to insert the SATA cable first before fixing the HDD on the tray. Then place the HDD tray back into the system and secure the installation with the provided screws.
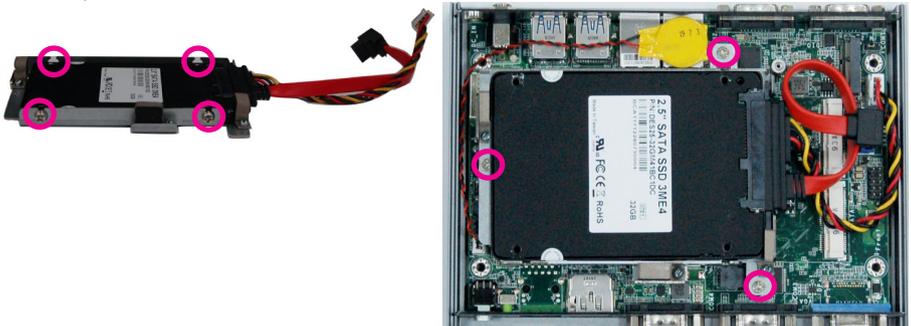
# ◉ Installing Mini PCIe, M.2, mSATA and SIM

The system has one M.2 type 2230 socket (E Key), which provides PCIe Gen2 x1 and USB2.0 interfaces and supports the installation of an M.2 22 x 30mm card.

The system board is also equipped with 2 full-size Mini PCIe slot: Mini PCIE2 and mSATA. The mSATA slot provides SATA interface that accommodates mSATA cards whereas the Mini PCIE2 slot working in conjunction with a Micro SIM slot (on the back side of the board) provides USB 2.0 interface to accommodate common cellular modules.
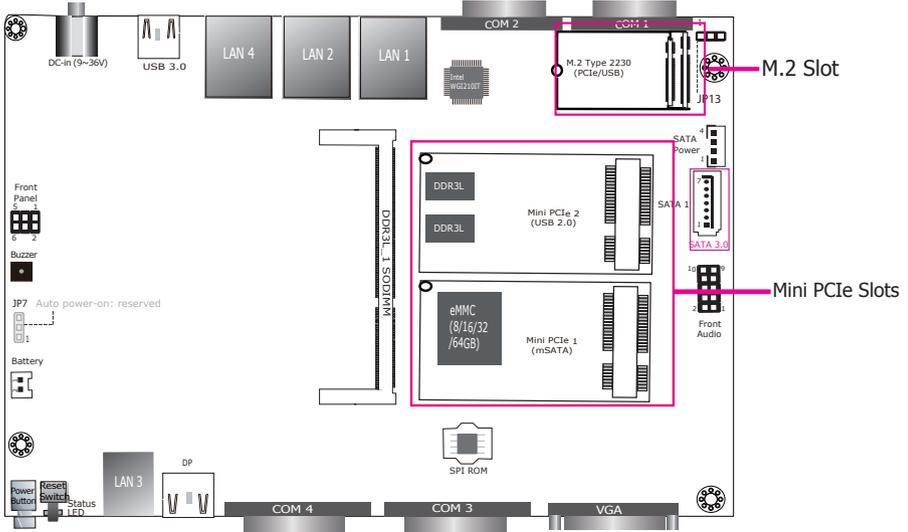
To install a Mini PCIe or an M.2 card:

1. Grasp the Mini PCIe card by its edges and align the notch of the card with the key in the connector and insert the bottom edge of the card into the connector.

2. Push down on the other end of the card and use the provided mounting screw to secure the card on the system board.
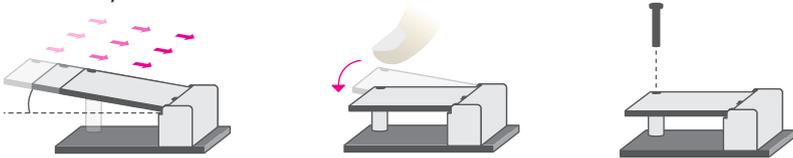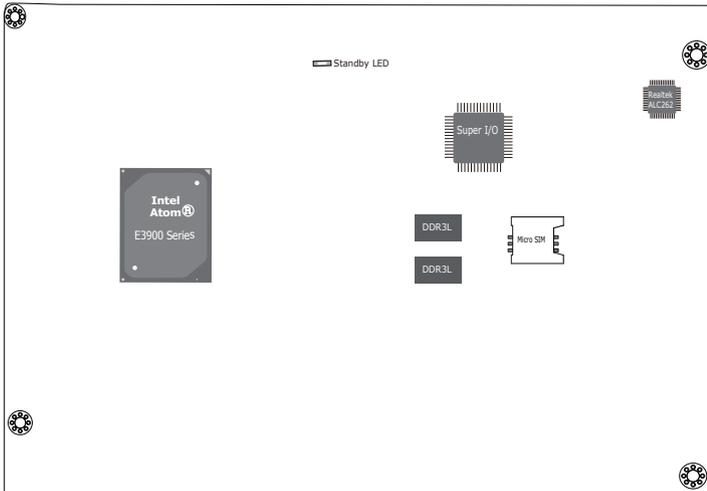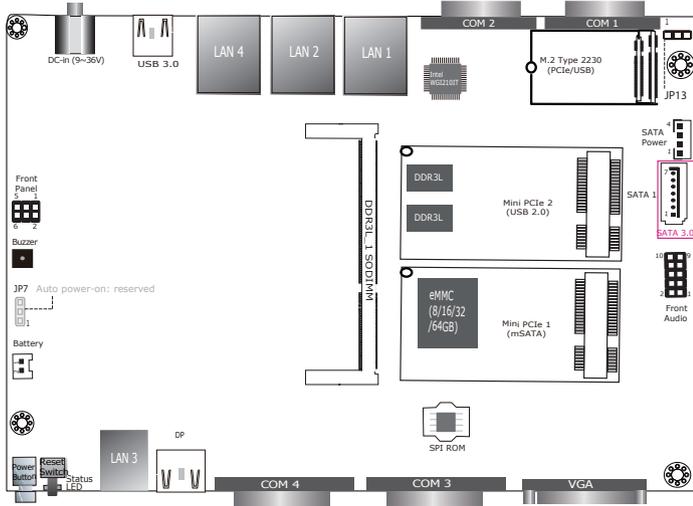

To install a micro SIM card:

Remove the screw and the standoffs that fix the system board to the chassis. Then detach the board from the chassis.

Board Layout and Jumper Settings

Clear CMOS	JP13
Normal	1-2 On (default)
Clear CMOS	2-3 On

Auto Power-ON	JP7
Normal	1-2 On (default)
Auto-PWR ON	2-3 On