

# Quick Installation Guide



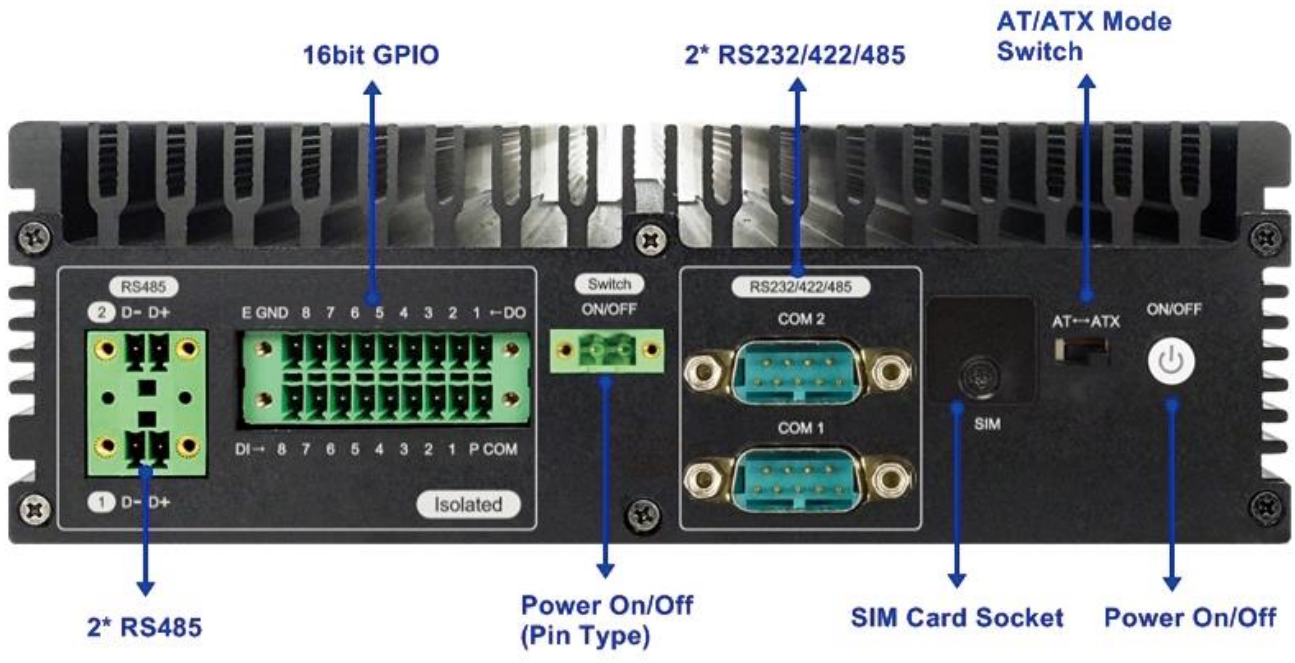
**NO. G03-JC386QIG01-F**

**Manual Revision: 4.0**

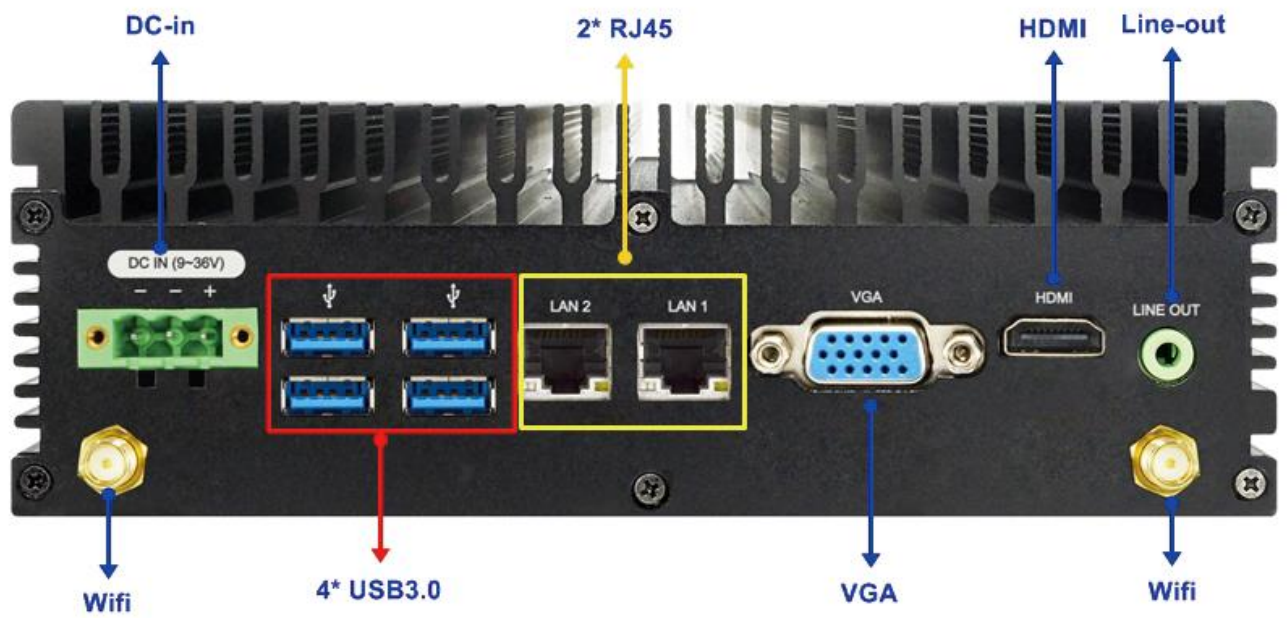
**Release Date : March 27, 2023**

# I/O Outlets

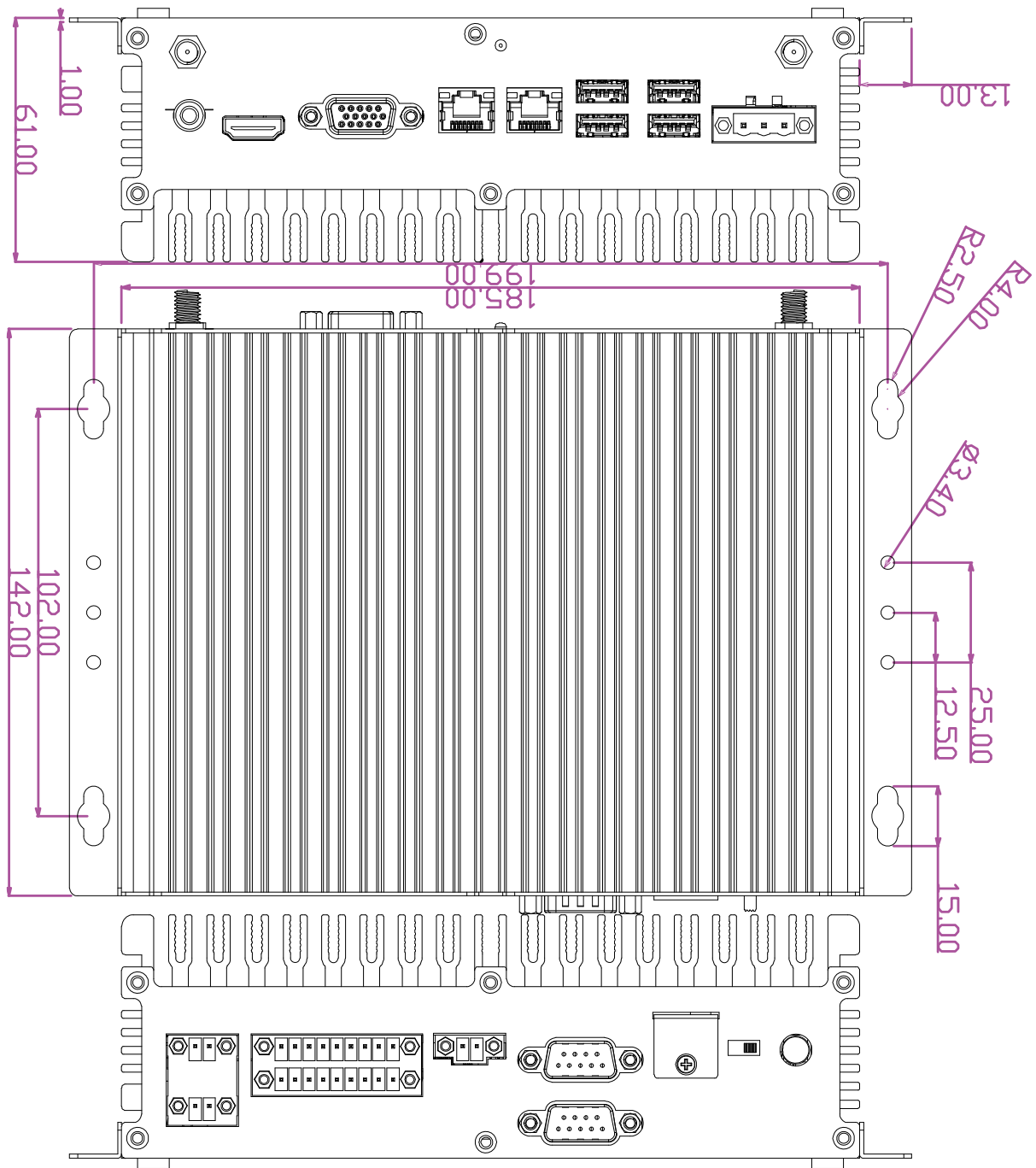
## Front



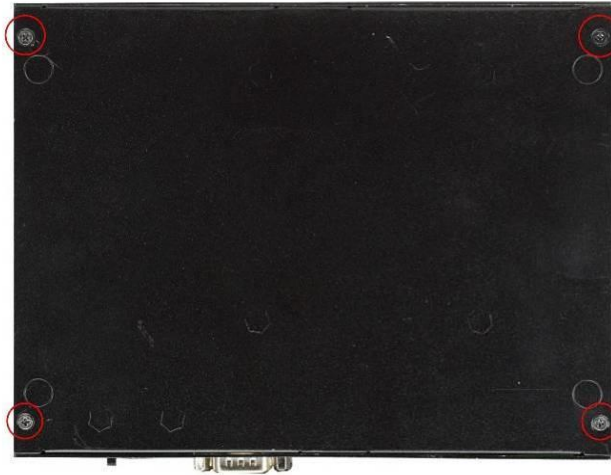
## Rear



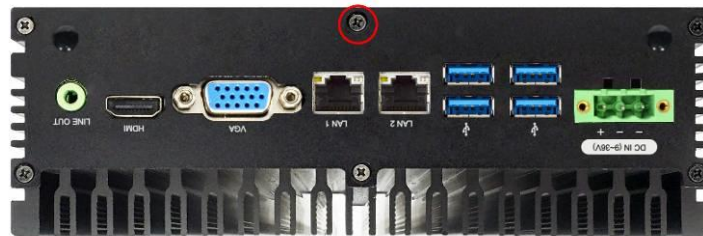
# Dimension and Outlines



## 1. To Disassemble the Chassis



1. Locate the screws at the spots marked on this side of the system and unscrew them one by one.



2. Remove the marked screw on the rear IO panel.

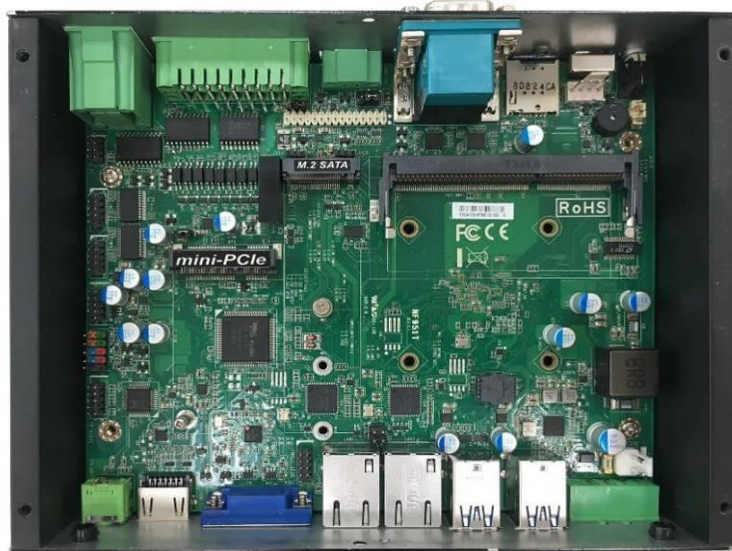


3. Remove the marked screw on the front IO panel.



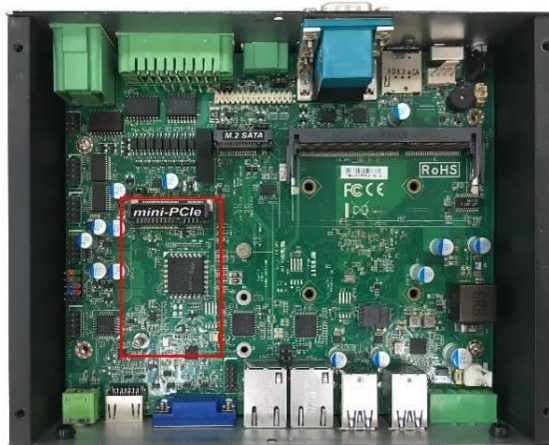
4. Lift the cover up to open the chassis.





5. The internal structural view of the system for further intallation.

## II. To Install Wi-Fi Card



1. Locate mini-PCle slot on the board.



2. Remove the marked screw and use it to lock compatible card to the slot in later installation.



3. Insert the gold-figure side of the compatible card into the slot and press down.



4. Secure the card to the board by tightening up the screw to the marked spot.



5. Locate the reserved antenna holes on the rear panel. Remove the dust-proof plugs on the marked spots from the panel to install the antenna, as the following details show.



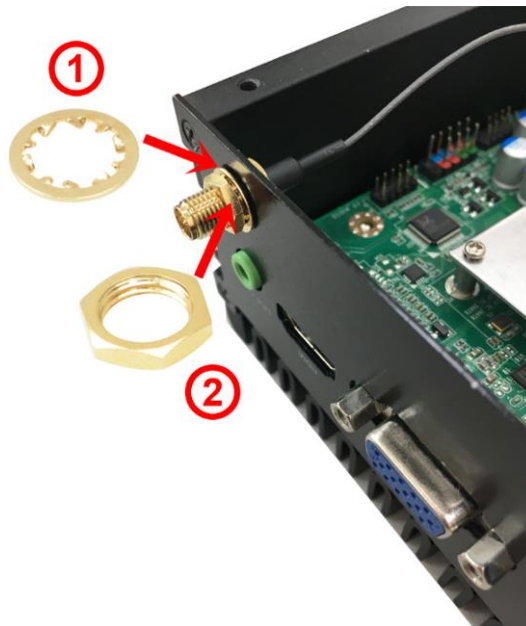
6. Push this antenna head into antenna hole of the rear panel from the backside of the panel.

6-1

6-2



The washer①&the hexagonal screwnut②. Then push the washer①through the antenna head.



7. And then lock the antenna head to the front side of the rear panel with the hexagonal screwnut②and tighten it up.

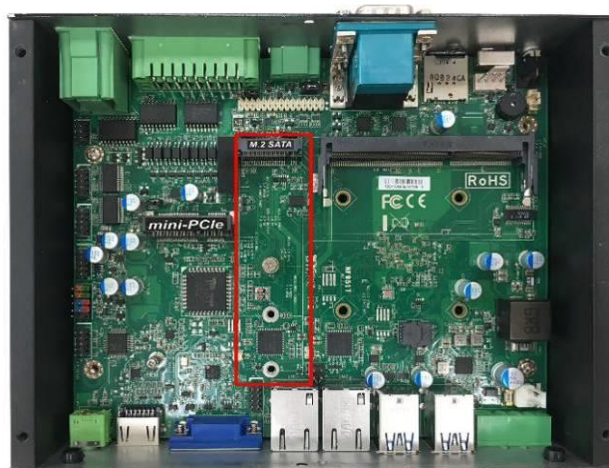


8. Press the metal hat on the end of the antenna string to corresponding antenna slot on the card as showed.

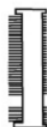


9. Connect the external Wi-Fi receiver antenna to the antenna screw head on the rear panel.

### **III. To Install M.2 SATA Card**

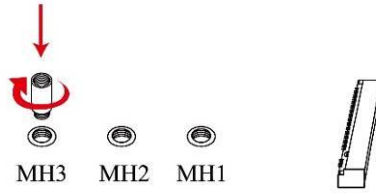
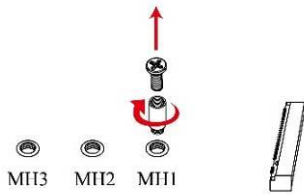


#### ***M2.M Slot:***



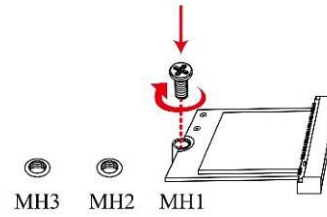
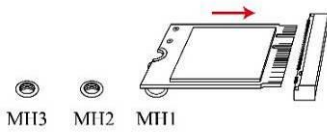
Nut Location	MH1	MH2	MH3
Card Length	4.2 cm	6 cm	8 cm
Module Type	Type- 2242	Type- 2260	Type- 2280





1. Remove the screw post and nut fixed at location **MH1** by default (Skip step 2& 3 and go straight to Step 4 if you are going to use the default nut).

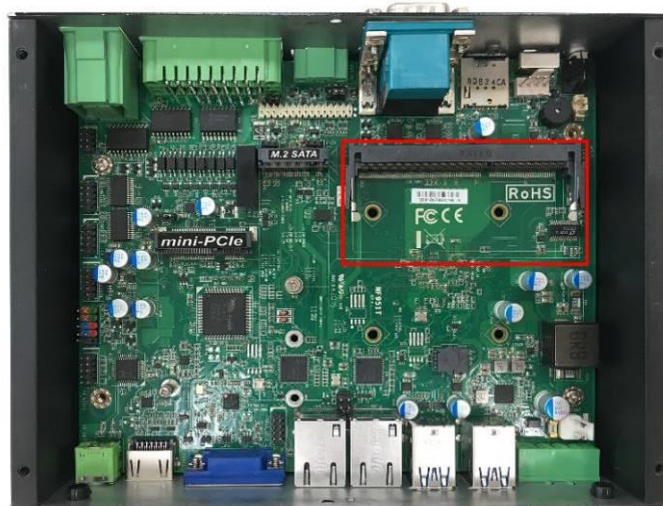
2. Lock the screw post into the location corresponding to the length of the module you wish to install.



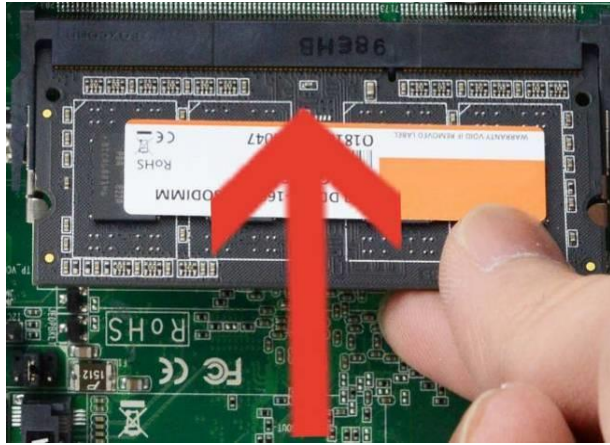
3. Align and insert corresponding M.2 module, as the photo shows.

4. Tighten up the screw to secure the module into the M.2 connector. Make sure not over tighten the screw to avoid possible damage to the module.

#### **IV. To Install SO-DIMM to the Board**



1. Locate the SO-DIMM slot on the board.



2. Insert the gold-figure side of the compatible SO-DIMM into the slot at a 30 degree.



3. Press down to secure the SO-DIMM to the slot. The eject tabs will lock automatically if installing direction is correct.

## V. To Install SIM card



1. The reserved SIM slot is hidden in the marked frame.



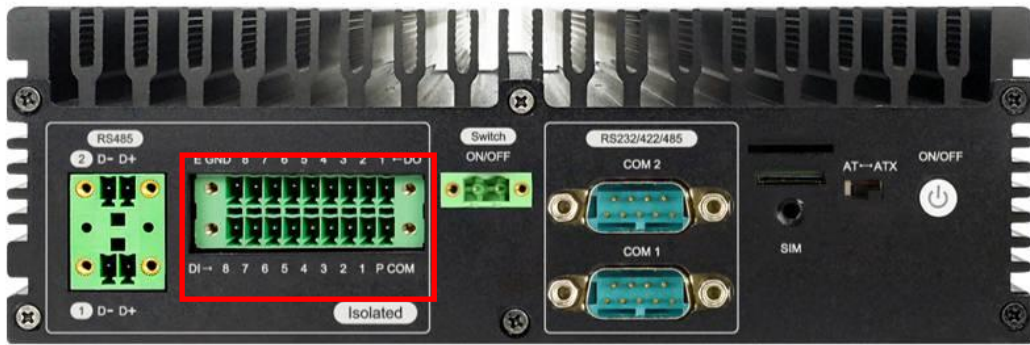
2. Remove the screw in the marked spot to disassemble the protective shield from the panel.



3. Insert the SIM card into the reserved SIM card slot, with the IC side up, as the photo shows.

## **VI. To Install Industrial Terminal Blocks**

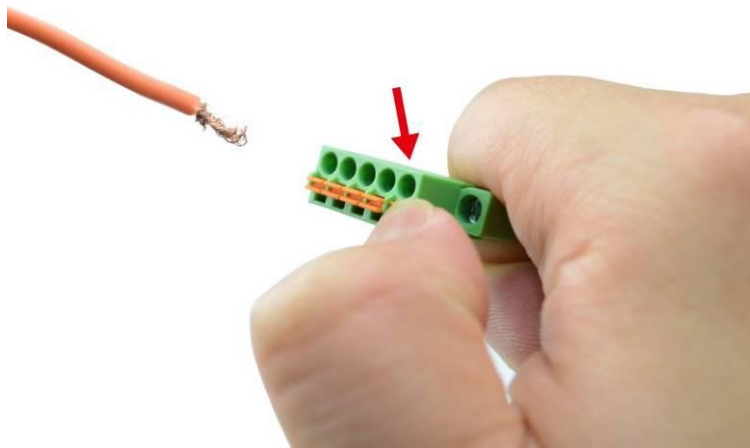
**\*Note:** We take GPIO terminal extension as illustration example; other terminal extension installations follow mostly the same procedures ! Make sure that positive and negative power wire are connected to the correct spot !



1. Locate the GPIO terminal blocks for extension on the front IO panel.

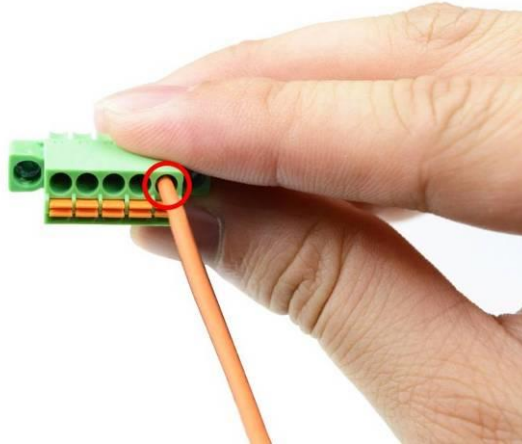


2. In the case that the product already has extension blocks installed. Use a screwdriver to remove the screws on the marked spots for further installation.



3. Press down the orange key and then insert GPIO wire into the corresponding GPIO socket, as the photo shows.





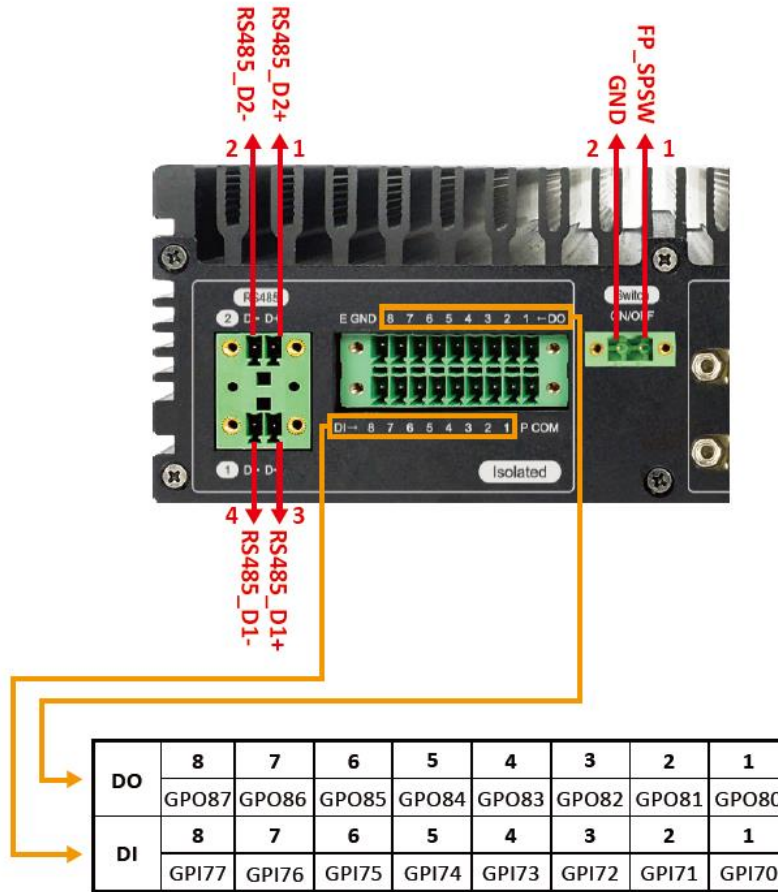
4. Release the orange key to secure the GPIO wire installed, as the photo shows (Please lock them back to the original positions after wires connection made).

**\*Note:** The GPIO terminal block above is for illustration purpose only; actual outlook please refer to the block in attached accessories for sure.

## VII. IO Terminal Pin Definition



1. The front IO diagram.



2. Front IO RS485, GPIO and power pin definition.



3. Rear IO diagram and DCIN power definition.



#### 4. Front IO diagram and ATX & AT mode Switch definition.

- AT Mode Selected: Directly power on as power input ready.
- ATX Mode Selected (Default): Press power button to power on after power input ready.

## Regulatory Compliance:

### Disclaimer

This QIG is intended to be used as a practical and informative guide only and is subject to change without prior notice. It does not represent commitment from Jetway Information Co., Ltd. Jetway shall not be liable for direct, indirect, special, incidental, or consequential damages arising out of the use of the product or documentation, nor for any infringements upon the rights of third parties, which may result from such use.

### Declaration of Conformity

#### FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at user's own expense.

*\*Note: 1. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 2. Shielded interface cables must be used in order to comply with the emission limits.*

#### CE Notice

The product described in this QIG complies with all applicable European Union (CE) directives if it has a CE marking. For computer systems to remain CE compliant, only CE-compliant parts may be used. Maintaining CE compliance also requires proper cable and cabling techniques.

