# Quick Installation Guide
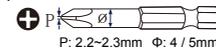
**NO.** G03-JC366QIG01-F
**MB Model** : JNF831/ JNF832 Series
**Rev** : 1.0
**Release Date** : 2019-4-16

**Notice:**
This barebone series come with different integrated motherboard solutions. The motherboard/ hardware / device in this QIG serves to illustrate general installation steps only. If there is any difference in the actual product and the product photo inside, please refer to the product you purchased for actual specification.

## I. To Open the Chassis

**Note :** #2 Phillips Screwdriver is recommended.

P: 2.2~2.3mm  Φ: 4 / 5mm

1. Locate the 4* screws at the spots marked on this side of the system and unscrew them one by one.

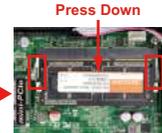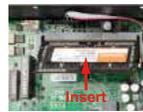2. Remove the 3* screws in the marked spots on rear panel.

3. Remove the 3* screws in the marked spots on front panel.

4. Lift the cover up to open the chassis.

5. The internal view of the system (For user to have a clear view, we unplug the pre-installed HDD cable).

## II. To Install SO-DIMM to the board

**Press Down**

**Insert**

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 and then press down. The eject tabs will lock it if installed correctly.

## III. To Install M.2 SATA Card

1. Locate the M.2 SATA slot on the board. Prepare compatible M.2 SATA card. Deferent types of cards come of different lengths. Find corresponding nut location for further installation.

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

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

4. Lock the screw post into the location corresponding to the length of the module.

5. Align and insert the gold-figure side of the compatible M.2 SATA card into the slot. Make sure that the golden-figure side is fully inserted into the slot.

6. Secure the card to the board by tightening up the previously-removed screw nut to the marked spot.

## IV. To Install Mini-PCIE Slot Expansion Card

Please refer to the following instructions for the installation of compatible expansion card into Mini-PCIE slot.

1. Locate Mini-PCIE card slot on the board.

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

3. Insert the gold-figure side of the compatible expansion card into the slot at a 30 degree angle 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 back panel. Remove the dust-proof plugs on the marked spots from the panel to install the antenna, as the following details show.

6. Press the metal hat on the end of the antenna string to the antenna slot on the card as shown.

7. Push this antenna head into antenna hole of the rear panel from the backside of the panel. And then put the other washer① into the antenna head, lock the antenna head to the front side of the rear panel with the with hexagonal bolt②and tighten it up.

8. Connect the external Wi-Fi receiver antenna to the antenna connector on the rear panel.

## V. To Install M.2 PCIE Slot Expansion Card

Please refer to the following instructions for the installation of compatible expansion card into M.2 PCIE slot.

1. Locate the M.2. PCIe, type-2230 slot on the board.

2. Remove the marked screw nut reserved for M.2 PCIe card installation first.

3. Insert the gold-figure side of compatible card into M.2. PCIe slot. See to it that the golden-figure side is fully inserted into the slot.

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

5. Locate the reserved antenna holes on the back panel. Remove the dust-proof plugs on the marked spots from the panel to install the antenna, as the following details show.
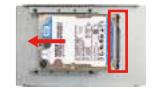
6. Press the metal hat on the end of the antenna string to the antenna slot on the card as shown.

7. Push this antenna head into antenna hole of the rear panel from the backside of the panel. Put the other washer① into the antenna head, and then lock the antenna head to the front side of the rear panel with the with hexagonal bolt②and tighten it up.

8. Connect the external Wi-Fi receiver antenna to the antenna connector on the rear panel.

**Notice:** The antenna strings for Mini-PCIE card and M.2 PCIE card expansion are of deferent size specifications in the metal hats. Please find and attach the correct antenna strings during installation!
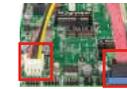
## VI. To Install Hard Disk

1. Find the top cover removed from the chassis (the cover already has HDD racks installed).

2. Push the HDD between the racks with the side up as the photo shows. Pay attention to the direction of the golden figure. Then Adjust the HDD till the screw holes on both side of HDD matched with those in the HDD racks.

3. Lock the SATA hard disk to one of the racks by tightening the screws in the marked spots.

4. Lock the SATA hard disk to the other rack by tightening the screws in the marked spots.

5. Plug the side of SATA cable into the SATA power connector and SATA port connector on the board respectively.

6. Plug the other end of SATA power & SATA HDD cable to corresponding connector of the hard disk.

7. Push the top cover to its original place on chassis. Tighten up the previously-removed screws to their original spots (Refer to Part I).

**Notice:** We recommend Step 7 to be finished after: **1.** All the other installations completed; **2.** All cables unplugged before installations are connected to their original places (including SATA power & HDD cable).

## VII. To Wall Mount the System

1. Install wall mount rack to the system by tightening the screws in the marked positions. Then lock the other screws on the other side in the same way.

2. Wall mount the system by tightening two screws in the marked positions. Then tighten up the other two screws in the marked positions on the other rack.