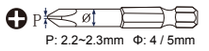
Quick Installation Guide

NO. G03-JC313QIG02-F
MB Model: JNU691 Series
Rev : 1.0
Release Date: 2019-4-22

Notice: This QIG file includes different chassis solutions. The chassis/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.

Note : #2 Phillips Screwdriver is recommended.



P: 2.2~2.3mm Φ: 4 / 5mm

I. To Open the Chassis of 313 Series

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

2. Lift the cover up to open the chassis. We use the model with pre-installed Wi-Fi card for installation guide.

Notice: 313 series & 323 series are integrated with the same board and share many installation steps. Most of the illustrations photos in this quick installation guide are taken from model 313 series, unless otherwise stated.

II. To Open the Chassis of 323 Series

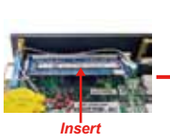
1. Locate the screws at the spots marked on this side of the system and unscrew them one by one.

2. Remove the screws in the marked spots on front panel(remove the dust-proof plugs first).

3. Lift the cover up to open the chassis. Remove the screws in the marked spots on HDD tray.

4. Pick out the HDD tray for further installation. We use the model with pre-installed Wi-Fi card for installation guide.

III. To Install SO-DIMM to the board

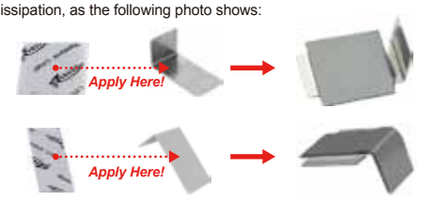


1. Locate the SO-DIMM slot on the board.
2. Insert the gold-figure side of the compatible SO-DIMM into the slot at a 30 degree and then press down. The eject tabs will lock if installed correctly.

IV. To Install MSATA Card

Before Installation:

Notice: We suggest user to put the L-Shape metal plate with thermal grease pasted on both sides between the installed WIFI card and the MSATA card for better heat dissipation, as the following photo shows:



1. Find the two thermal grease packages in the accessories pack. **2.**Tear off the protective films from both side of the thermal grease package and apply the grease packages upon both sides of the L-shape metal plate for better heat dissipation.
3. Place the L-shape metal plate upon the installed WIFI card before installing the MSATA card above the WIFI card, as the photo shows.

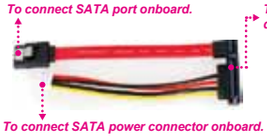
1. Locate the full-size MSATA slot on the board.

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

3. Insert the gold-figure side of the compatible MSATA card into the slot at a 30 degree angle and press down.

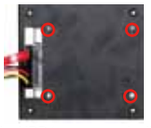
4. Lock the card to the board by tightening up the screw to the marked spot.

V. To Install Hard Disk (Optional for 323 Series)



1. Find compatible SATA cable for the system in the attached accessories package.

2. Place the HDD upon the HDD tray in the direction as the photo shows. Plug this side of the HDD cable to SATA power-in connector and SATA connector of the hard disk.



4. Turn the HDD tray over and adjust the hard disk on the other side. Lock the hard disk to the HDD tray by tightening up the screws on the marked spots.

4. Plug SATA power cable into SATA power connector and SATA HDD cable into onboard SATA port connector.

5. Adjust the HDD tray with hard disk installed to its original place and lock the tray to the barebone system by tightening up the screws in the marked spots.

Notice: After the above installation steps completed, please put the cover to the original place and tighten up the screws previously removed (refer to part I & II).

VI. To VESA Mount the System

1. Locate the two screw holes reserved for VESA mount on the cover of the system. Take note of the directions of the system.

2. Place the VESA mount rack upon the cover. Tighten up compatible screws to lock the chassis to the rack as the photo shows.

3. Unlock the reserved screws for VESA mount on the back cover of the monitor.

4. Adjust the chassis with VESA mount rack installed to the back cover of the monitor and lock it to the monitor by tightening up the above marked screws.

5. Check again to make sure the screws are matched and fixed firmly.

VII. To Wall Mount the System

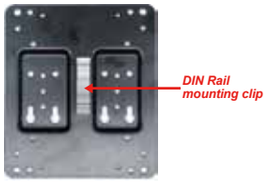
1. Locate the two screw holes reserved for wall mount on the cover of the system. Take note of the direction of the system.

2. Place the rack upon the top cover. Tighten up compatible screws to lock the chassis to the rack as the photo shows.

3. Adjust the chassis with wall mount rack to the wall and lock it to the wall by tightening up the above marked screws on the top side.

4. Tightening up the other screws on the bottom side. Check to make sure the screws are matched and fixed firmly.

VIII. To Install DIN Rail Mounting Clip



1. Find the DIN rail mounting clip in the attached accessories package. Place the clip upon mount rack, in the direction as the photo shows.

2. The screw holes on the back side of the clip should match those of the racks, as the photo shows.

3. Turn the rack over and use compatible 2.75 mm screws in the attached accessories package to lock the clip to the rack.

4. Install the rack to the barebone system by tightening up compatible screws in the above marked spots, as the photo shows.