

Quick Installation Guide



NO. G03-150_MI225QIG-F

Rev: 1.0

Release date: 2023-03-24

Notice:

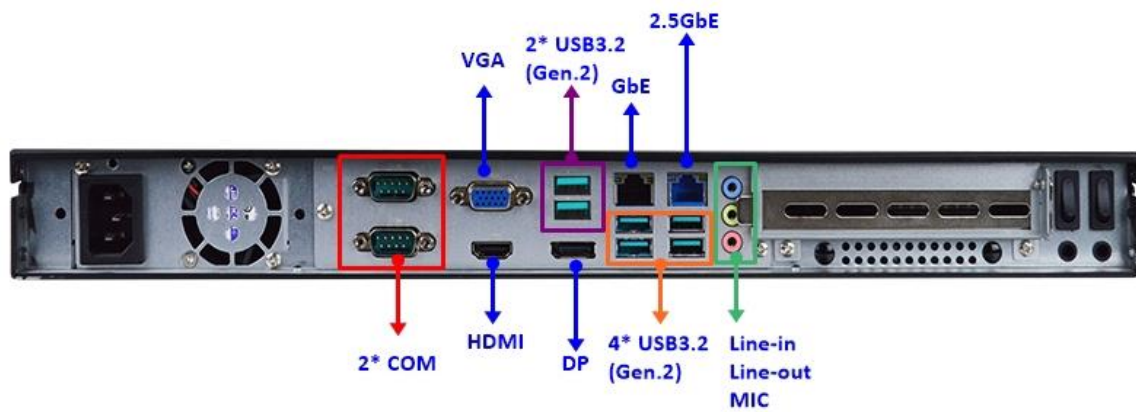
The photos in this file are for illustration purpose only. The model may not be the latest version. Please refer to the product you purchased for actual specification.

I/O Outlets

Front



Rear



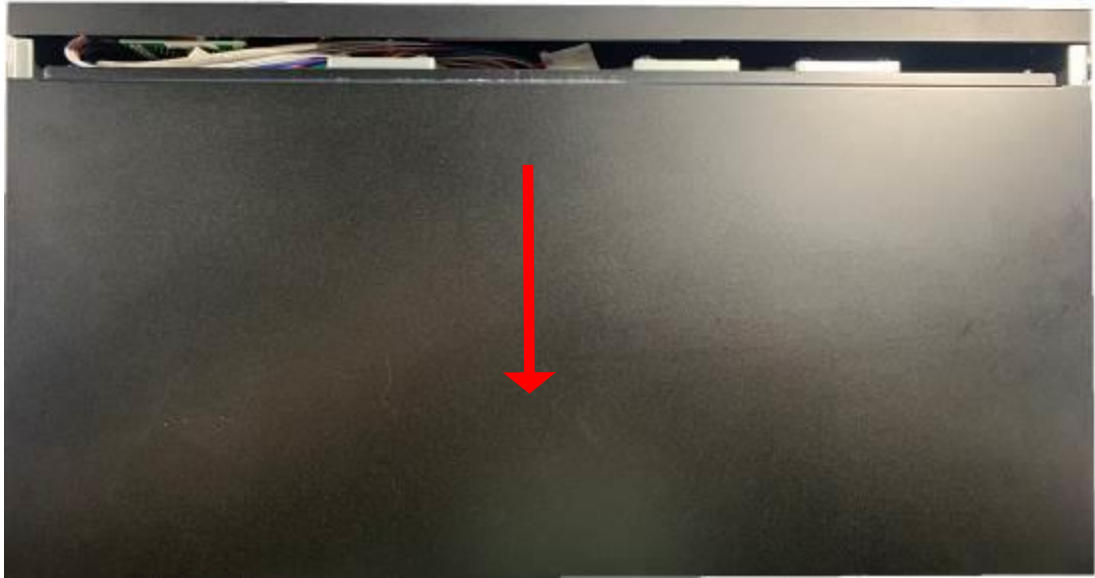
I. To Open the Chassis



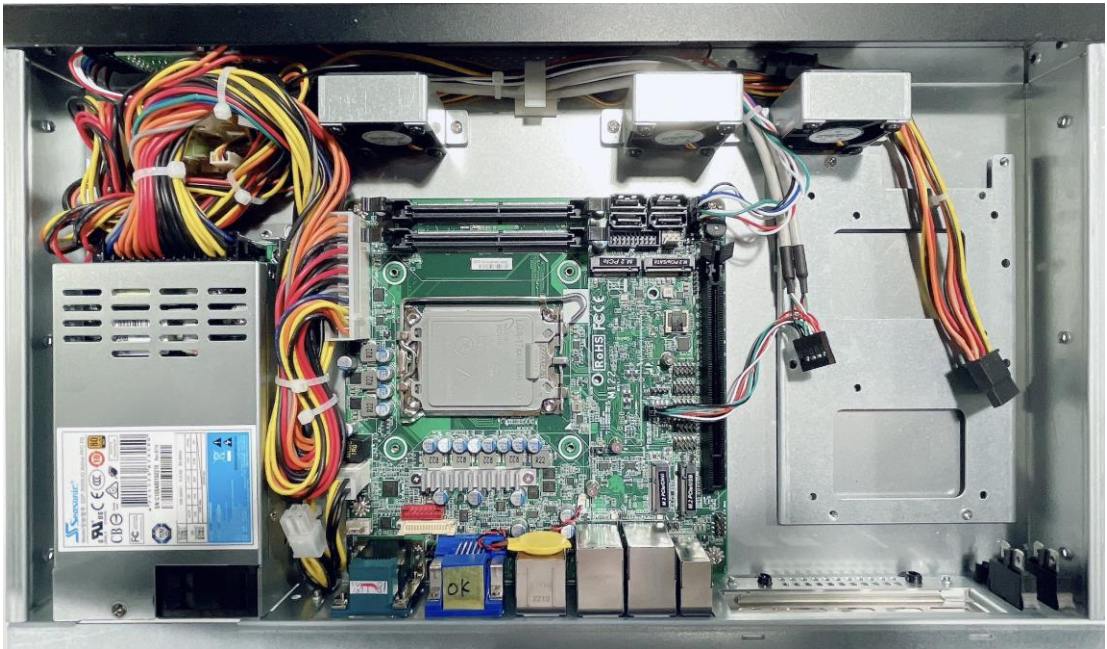
1. Remove the marked screws from the top cover of chassis from this side.



2. Remove the marked screws on the other side in the same way.



3. Push the top cover of the chassis towards the direction as the photo shows. Then lift the cover up to open the chassis.



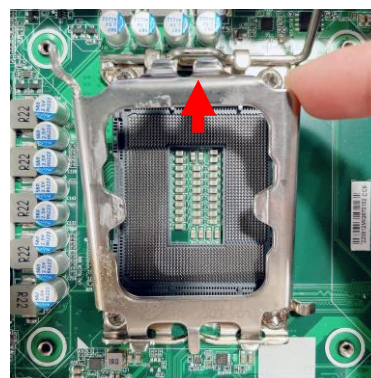
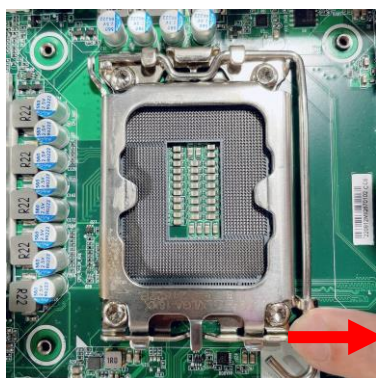
4. The overview of internal layout of the system for quick installation guide.

Notice: 1. If the system is pre-installed with CPU heatsink, user needs to remove the screws on the backside of the board to disassemble the heatsink before CPU installation; 2. Make sure that the cables are plugged into their original places when necessary installation finished for the system to function normally.

II. To Install CPU



1. Find CPU socket on the board. Please make sure that CPU socket is facing towards you and the level is on your right hand side.
2. Remove the plastic protective cover from the socket (Put it to the original place if CPU is not installed. Do not touch the metal contact pins of the CPU socket).

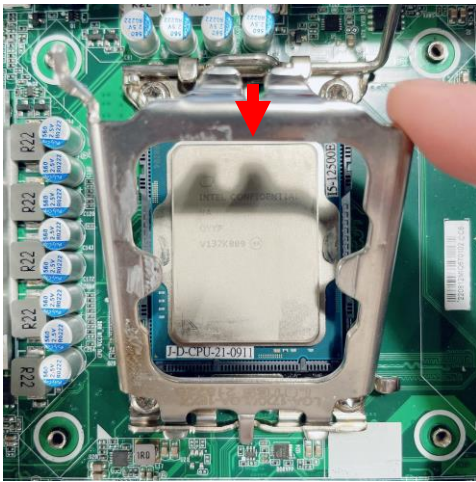


3. Press down the level and move it towards the right side to free it from the hook.
4. After pulling the lever up, turn over the metal protection plate to the other side and open the CPU socket for further installation.

(Do not touch the gold pins of the socket to avoid any possible damage!)

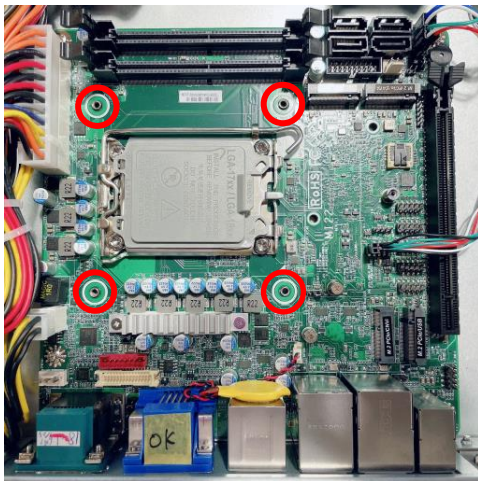


5. Make sure that Pin-1 Golden Finger Indicator is in the place as shown in the above photo and match the two alignment keys on the CPU with two points of the socket. CPU can only be correctly installed in this direction. Incorrect installation might cause damage to CPU.

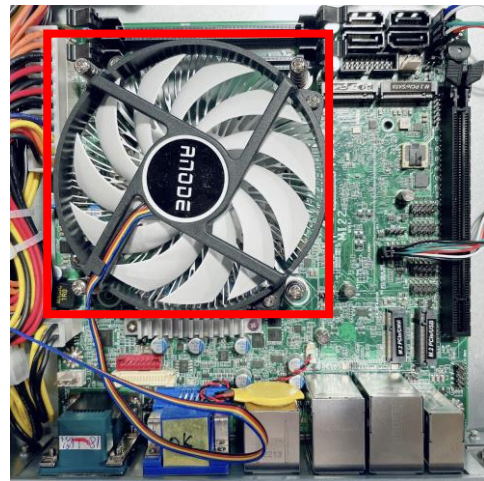


6. Put down the load plate in the direction shown above.
7. Press down the load level and move it leftwards to make sure it is locked under the notch.

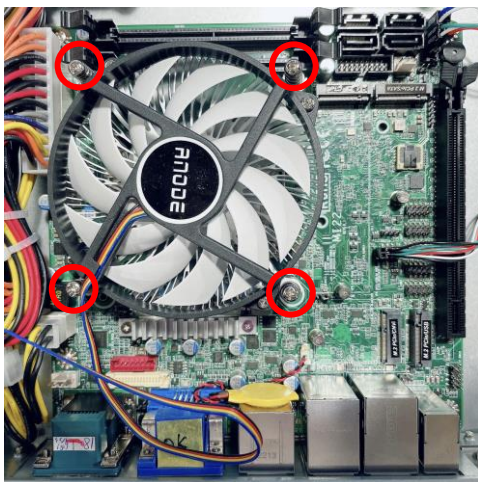
III. To Install CPU Fan



1. Locate the screw holes reserved for CPU fan installation.



2. Put CPU fan inside the chassis and adjust it to the reserved space for fan installation.

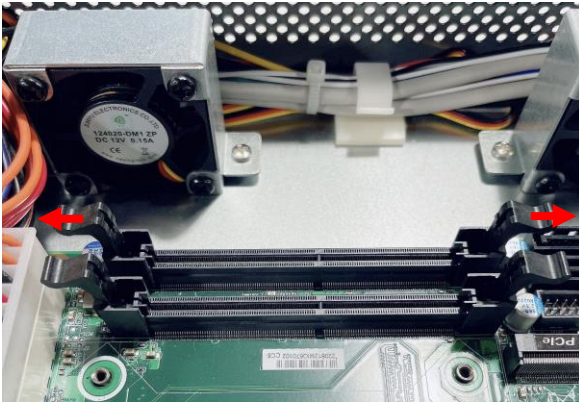


3. Tighten up the screws in the marked spots to lock the fan to the system.

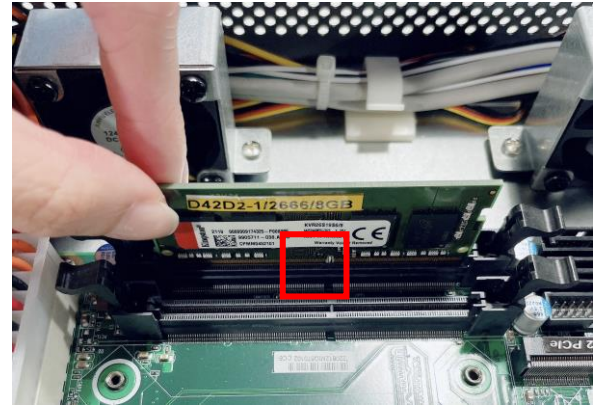


4. Connect CPU fan cable to CPU fan header of the board, as shown above.

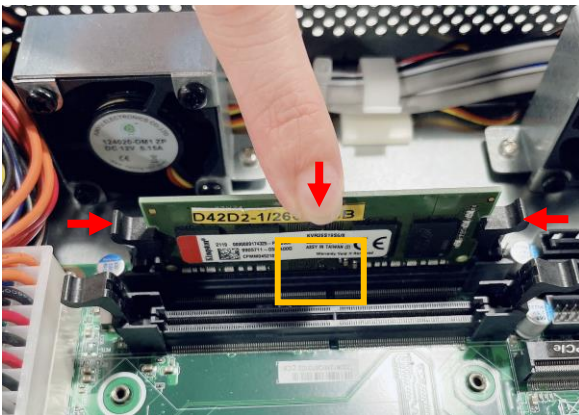
IV. To Install SO-DIMM to the board



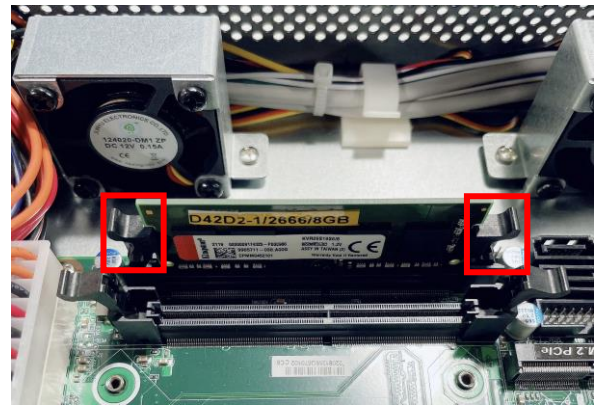
1. Locate the SO-DIMM slots on the board and open the two eject tabs for further installation.



2. Insert the gold-finger side of the compatible SO-DIMM into the slot. The golden-finger side should be fully plugged into the slot.



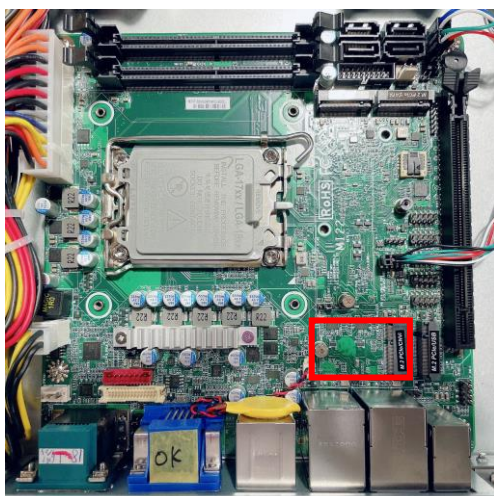
3. Press down to secure the SO-DIMM to the slot. See to it that the break of the module fit into the notch of the slot.



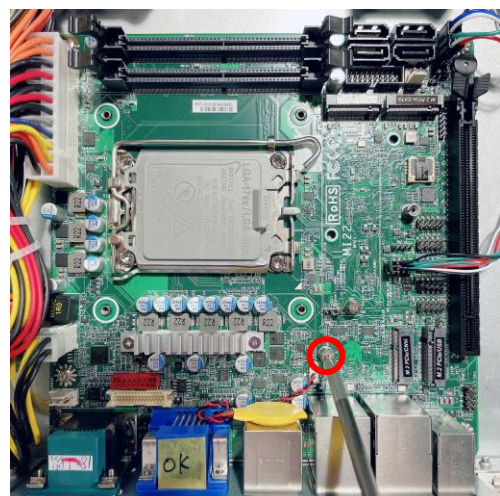
4. The eject tabs will lock automatically if installed correctly.

V. To Install M.2 E-Key (2230)

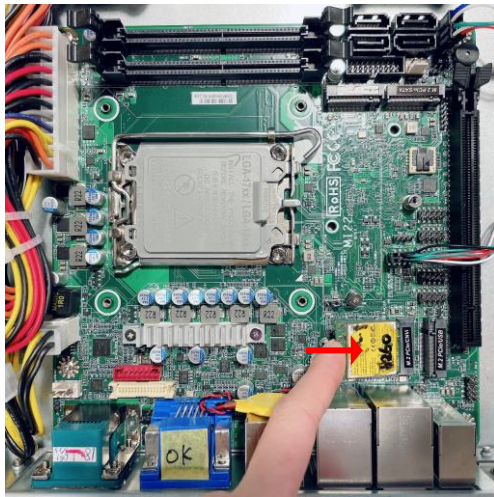
**Note: M.2 E-key slot supports USB2.0/PCIe Gen.3x1 interface.*



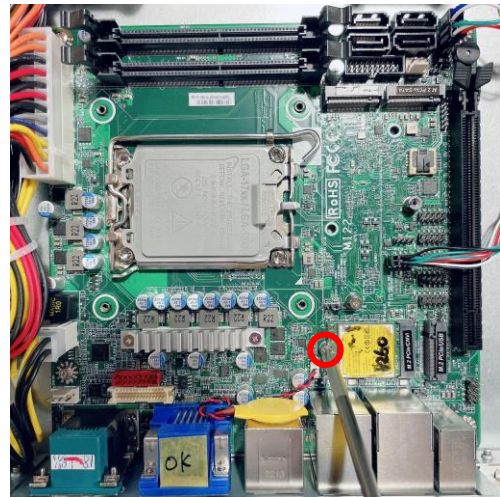
1. Locate the M.2. E-key, type-2230 slot on the board. Prepare compatible M.2 E-Key (type-2230) card.



2. Remove the marked screw bolt and screw nut reserved for M.2 E-key card installation first.



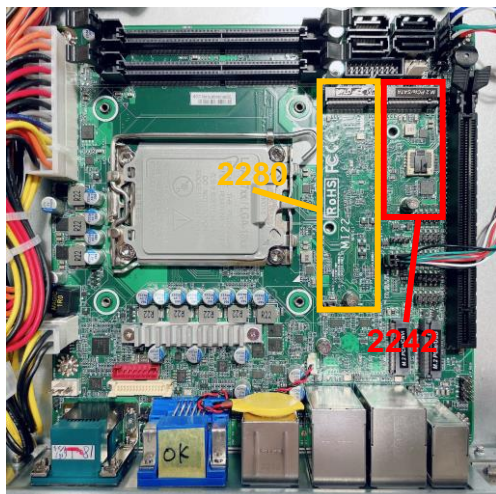
3. Insert the golden-finger side of compatible card into M.2. E-key slot. See to it that the golden-finger side is fully inserted into the slot.



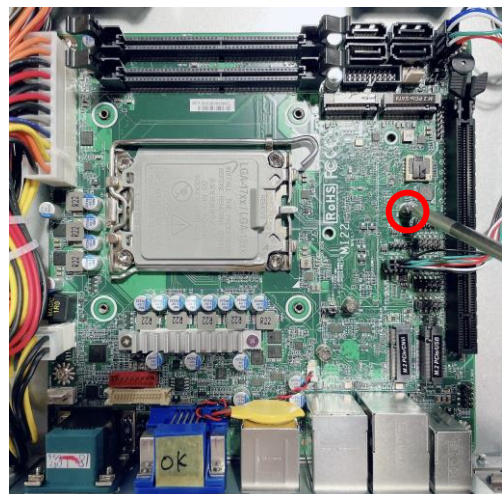
4. Lock the card to the board by tightening up the screw bolt to the marked spot.

VI. To Install M.2 M-Key (2242/2280)

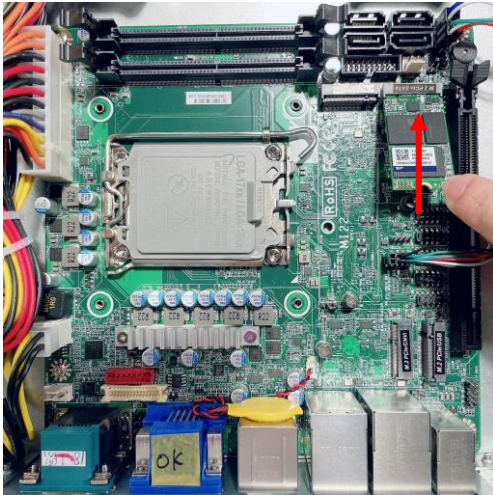
**Note: M.2 M-key (type-2242) slot with PCIe Gen.4x4/SATA interface supports NVMe ; M.2 M-key (type-2280) slot with PCIe Gen.3x4 interface supports NVMe.*



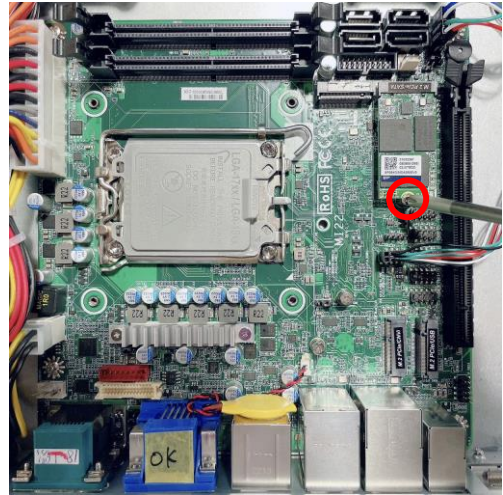
1. Locate the M.2 M-key slot on the board. Prepare compatible M.2 M-Key (2242) card.



2. Remove the marked screw and use it to lock M.2 M-key (type-2242) card to the slot in later installation.



3. Insert the golden-finger side of the compatible M.2 M-key (type-2242) card into the slot and press down. See to it that the golden-finger side should be fully plugged into the slot.

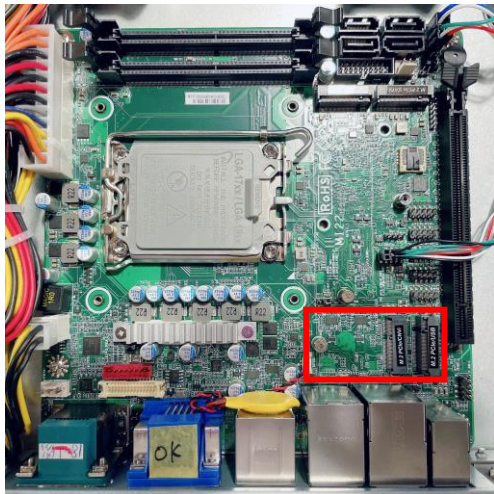


4. Lock the card to the board by tightening up the screw to the marked spot.

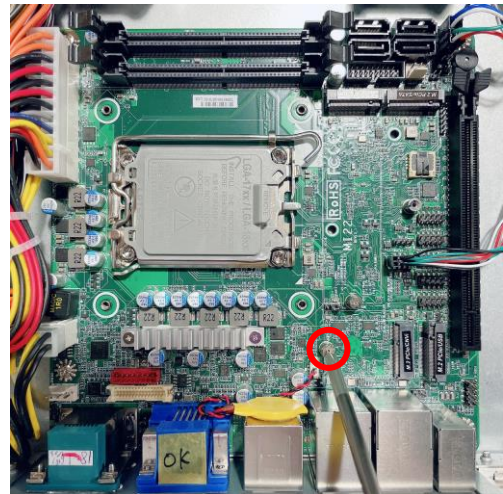
***Note:** If you wish to install compatible M.2 M-key (type-2280) card, please install it to M.2 M-key (type-2280) slot. Their installation steps are basically the same.

VII. To Install M.2 B-Key (3042)

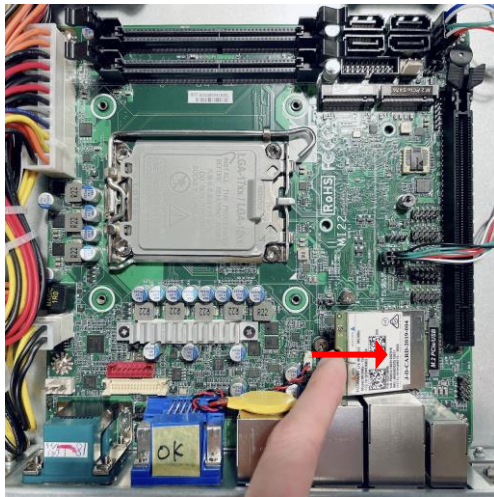
***Note:** M.2 B-key slot supports PCIe Gen.3x1/USB3.2 Gen.2/USB2.0 interface.



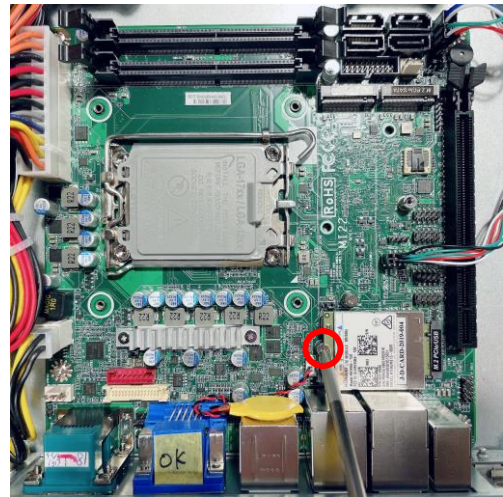
1. Locate the M.2 B-key type-3042 slot on the board. Prepare compatible M.2 B-key (type-3042) card.



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

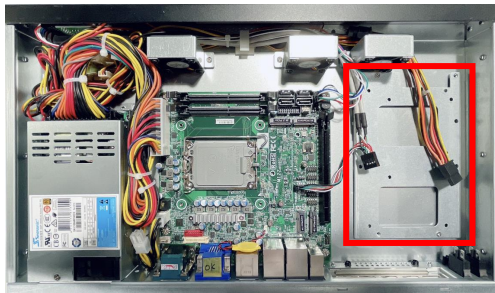


3. Insert the golden-finger side of compatible card into M.2 B-key slot and press down. See to it that the golden-finger side should be fully plugged into the slot.

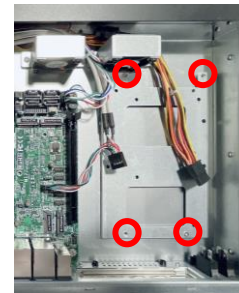


4. Secure the card to the board by tightening up the screw nut to the marked spot.

VIII. To Install 2.5" Device to HDD Tray



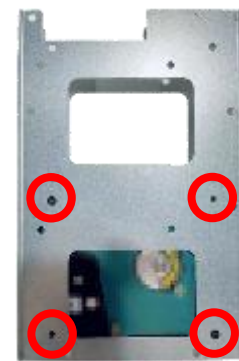
1. Locate the HDD tray on the chassis.



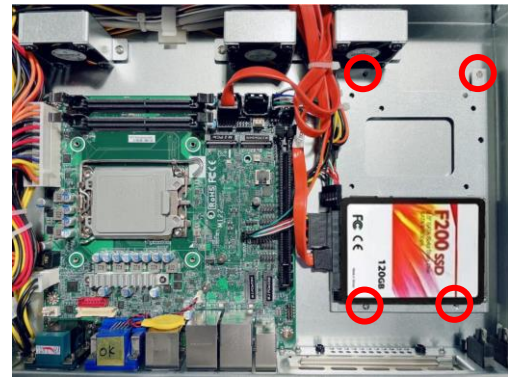
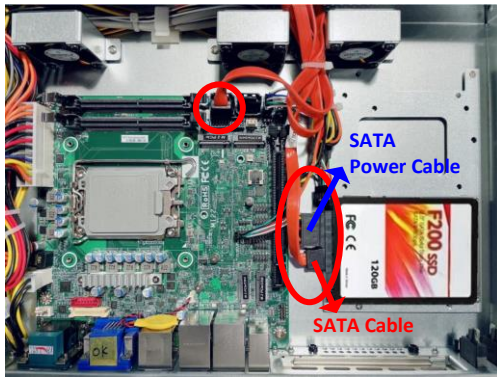
2. Remove the above marked screws that lock the tray to the chassis and pick them out of the chassis (4 screws in total on both sides).



3. User can install up to 2* 2.5" HDD on the tray. Adjust the 2.5" HDD to the location you wish to install on the tray until the screw holes of the tray matched those in the HDD.



4. Turn over the tray and lock the 2.5" HDD to the tray by tightening up the marked screws as the photo shows.



5. Connect SATA Power cable (from system power unit) & one end of compatible SATA cable to corresponding connectors from the hard disk, and connect the other end of SATA cable to SATA port on the board as shown above.

6. Put the tray with hard disk driver installed to its original place and lock the tray to the chassis by tightening screws removed previously.

Notice: Make sure that: 1. the tray is installed to its original place; 2. HDD SATA & power connectors face towards the direction of the chassis with enough room to facilitate cable connection; 3. we suggest that user sort out cables and place SATA cables under the HDD tray to avoid cable blockage & make more space for the system.

Notice: When all necessary installations are finished, please make sure that all cables unplugged before installations are connected to their original locations before restoring the cover to the chassis and screws locked to its original locations (**Refer to Part I**). See to it that the cables inside are not blocked or pressed.

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.

