

Smart T6009

Fanless Embedded System

User's Guide

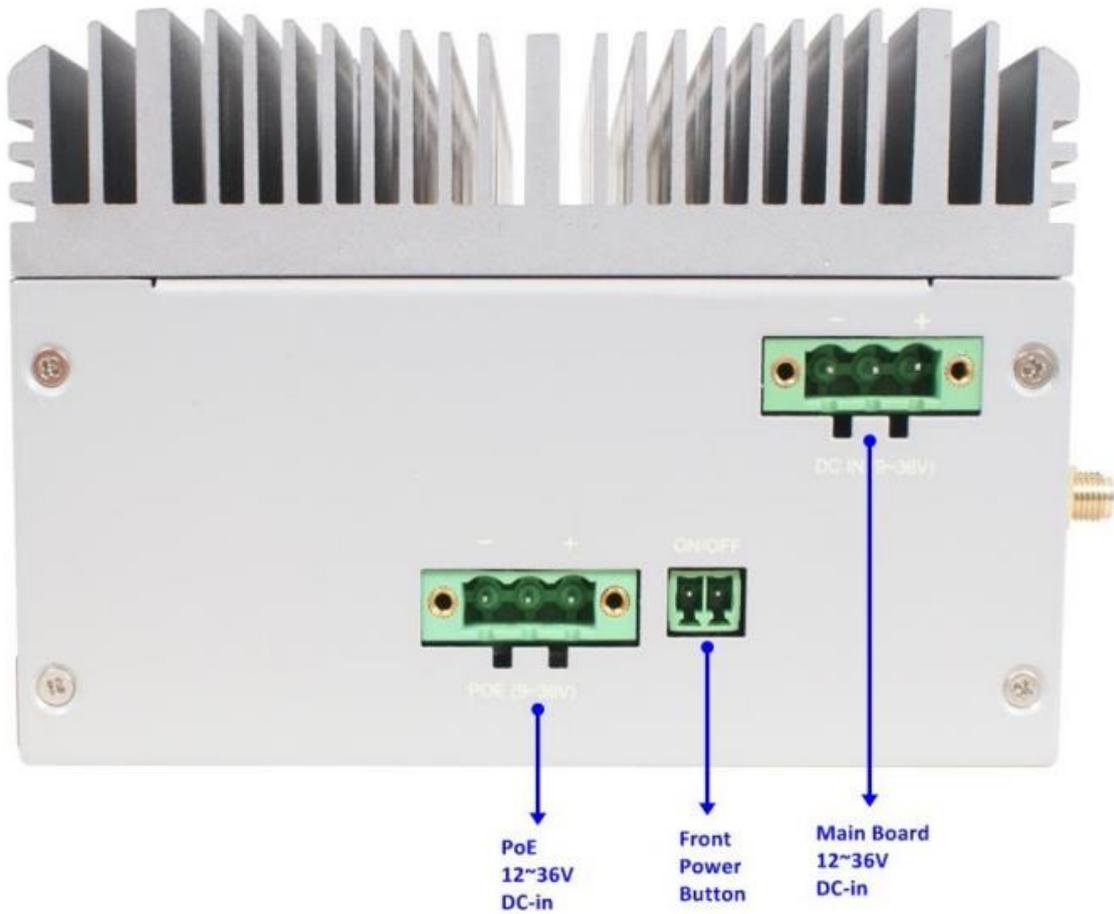
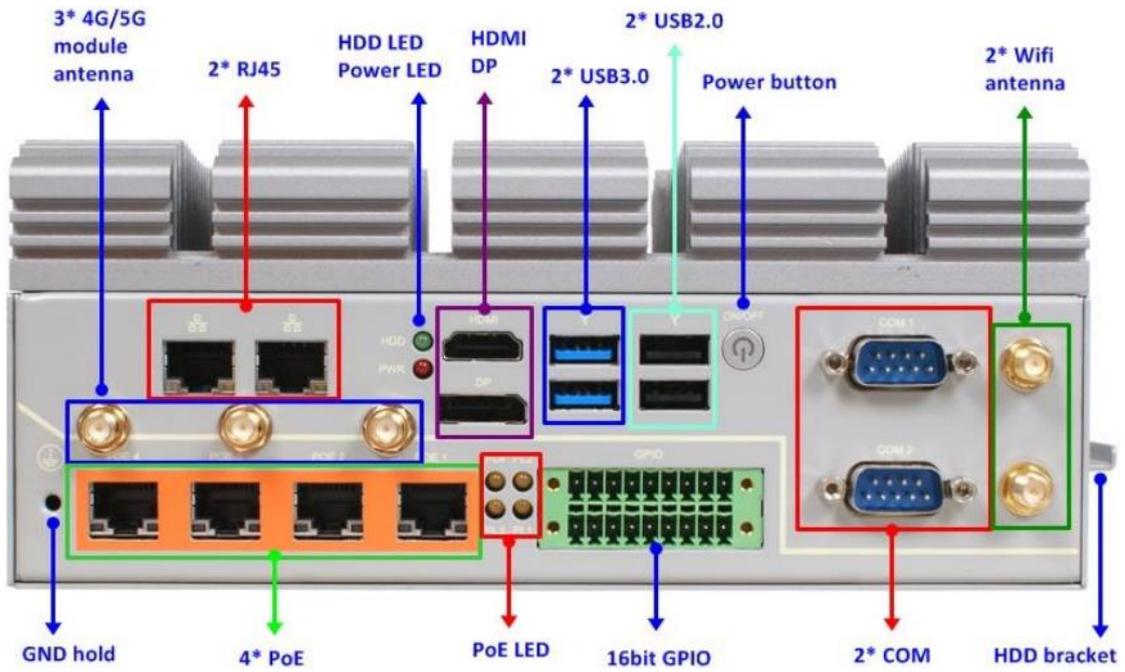


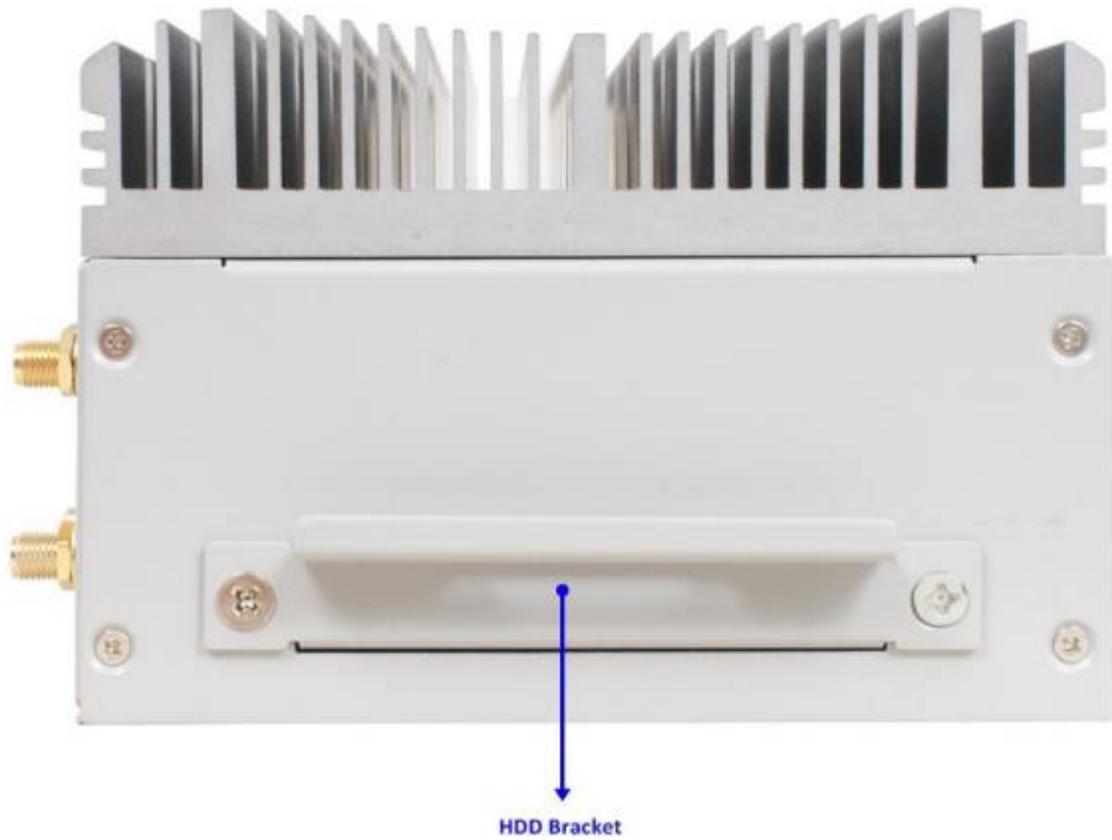
Rev: 1.0

Release date: 2021-8-10

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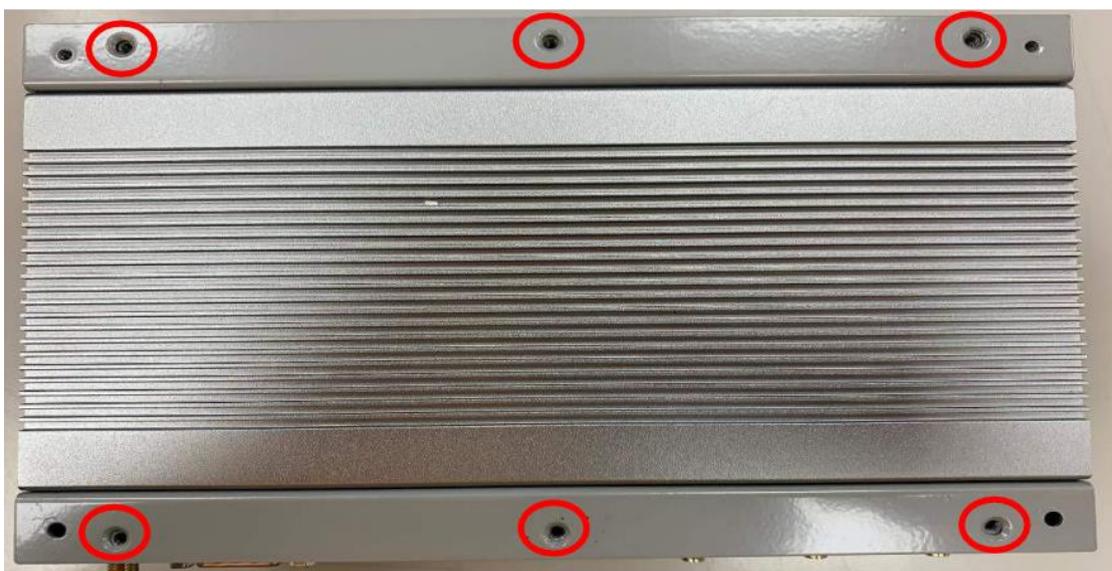
I/O View





Dimension and Outlines

I. To Disassemble the Chassis



1. Place the system upon a flat operation platform with the top cover side

upwards as the photo shows. Then remove the screws in the marked spots with a compatible Phillips screw driver.

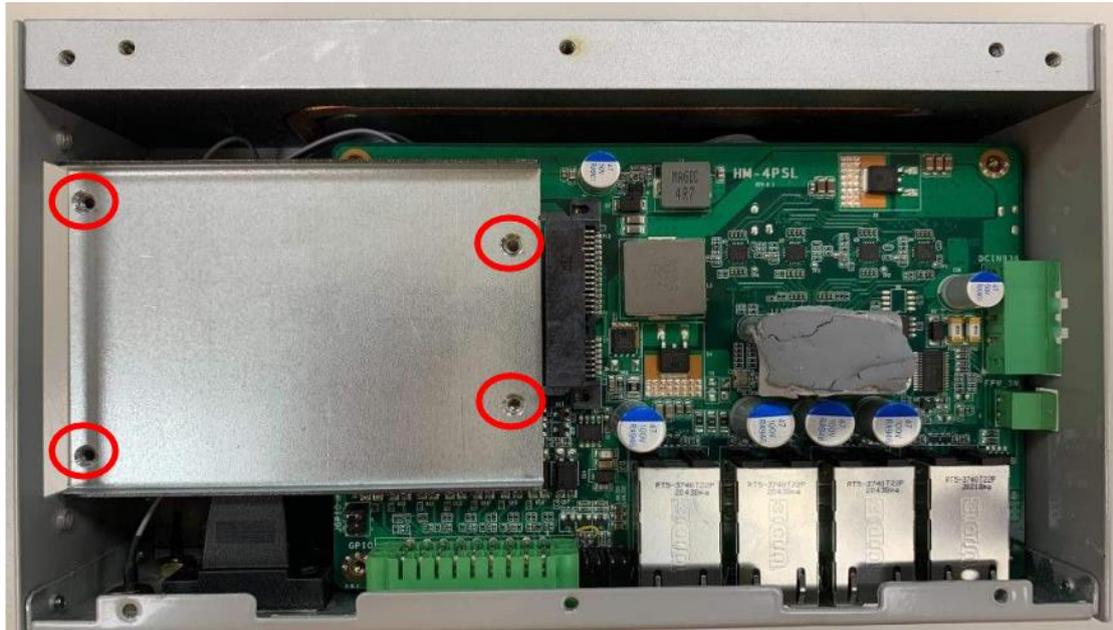


2. Also remove the screws on the side chassis cover that lock the HDD expansion ports.

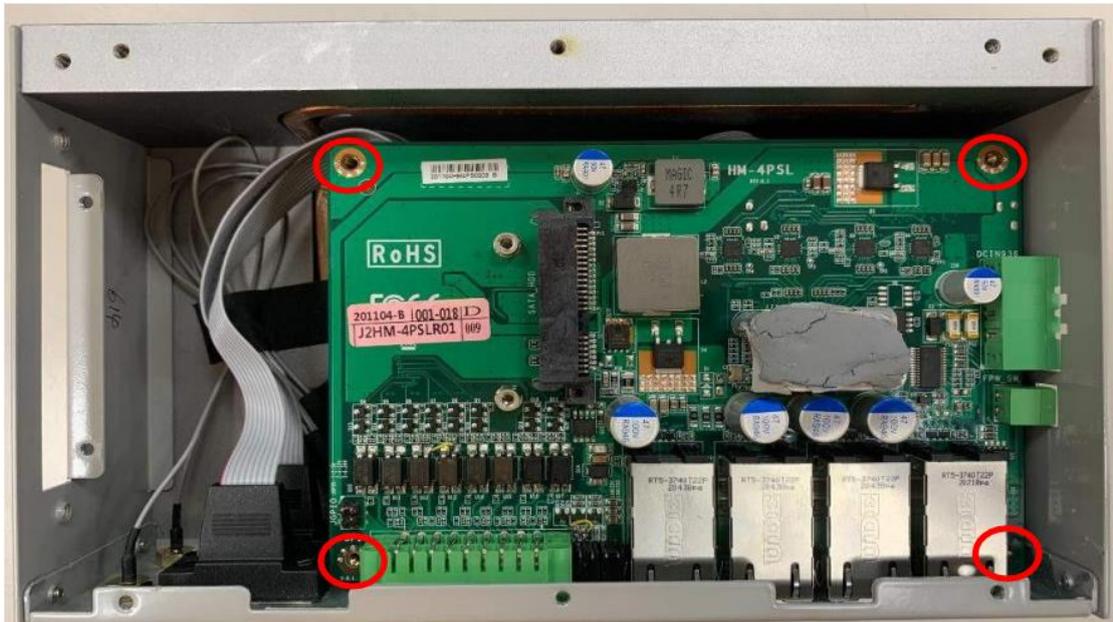


3. The overview of internal layout of the system for quick installation guide.

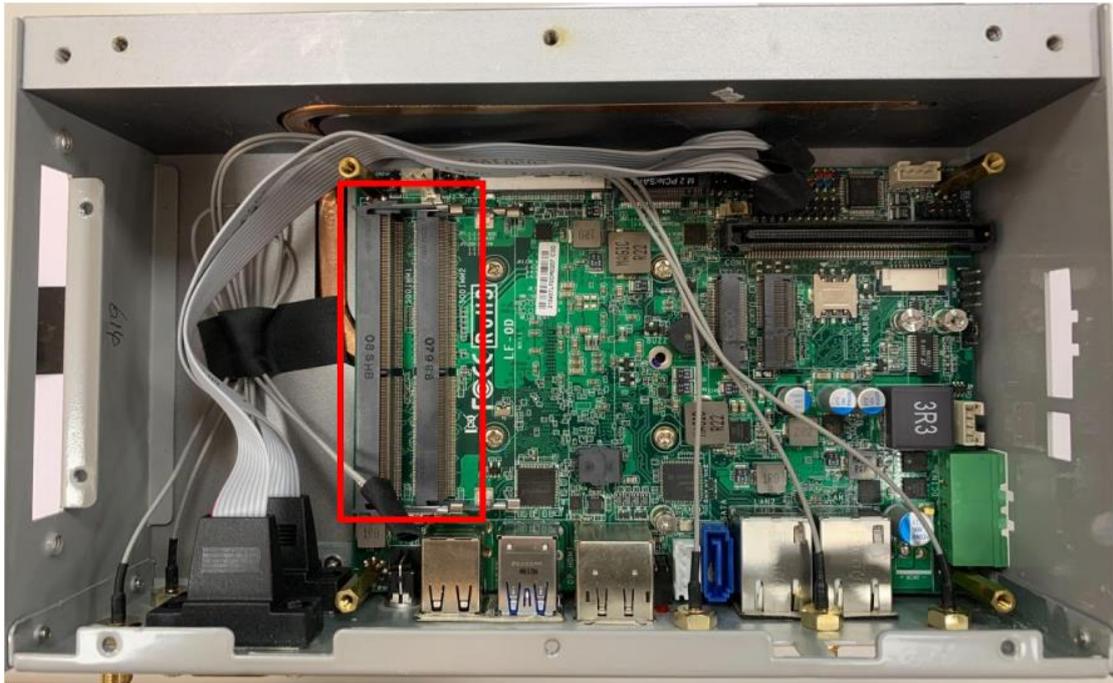
II. To Install SO-DIMM to the board



1. Locate the space for HDD installation. Remove the marked screws that lock the HDD racks on the daughterboard.



2. Remove the screws in the marked spots with a compatible Phillips screwdriver.



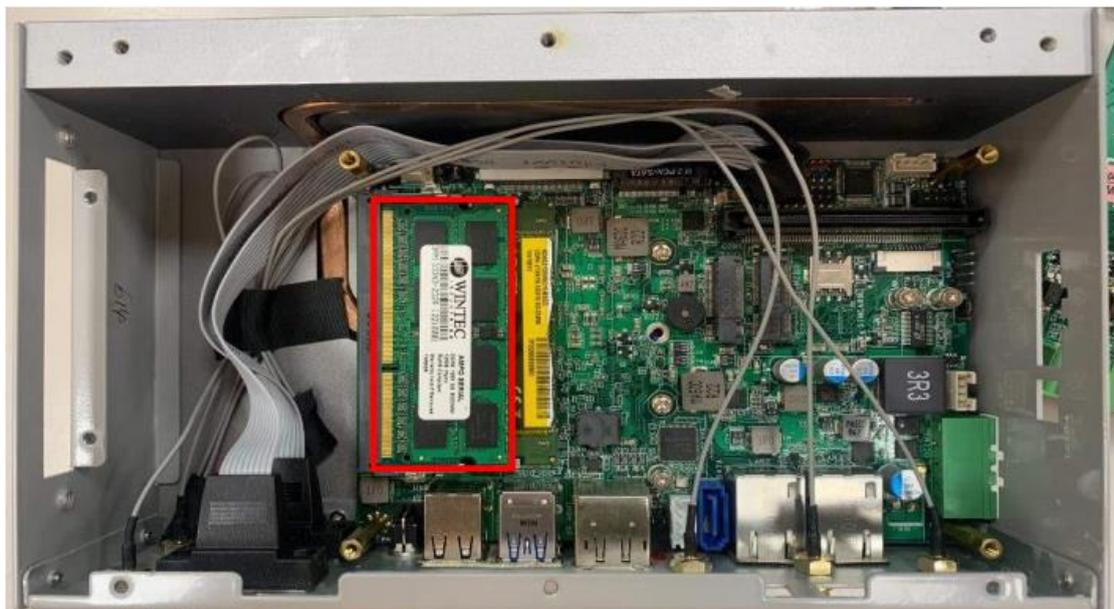
3. Locate the SO-DIMM slot on the board.



4. Insert the gold-figure side of the compatible SO-DIMM into the slot at a 30 degree angle. See to it that the break of the module fit into the notch of the slot.

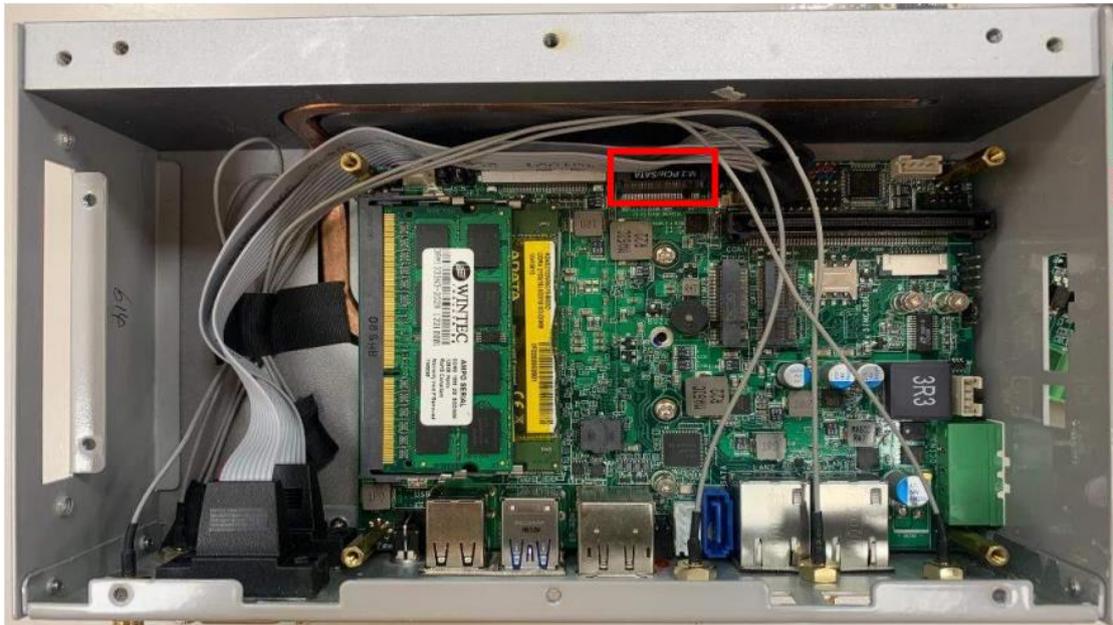


5. And press down to secure the SO-DIMM to the slot. The eject tabs will lock automatically if installing direction is correct.

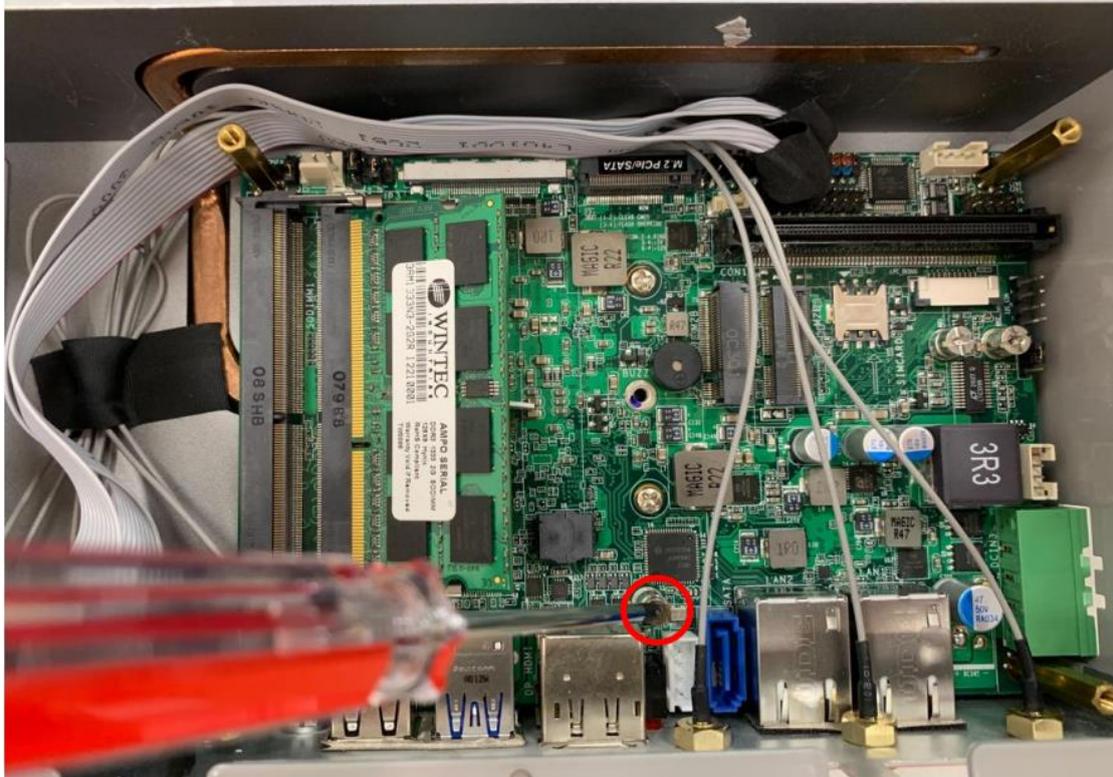


6. Install the second SO-DIMM in the same way.

III. To Install M2 M-Key 2280/2242 size (PCIe/SATA) to the board



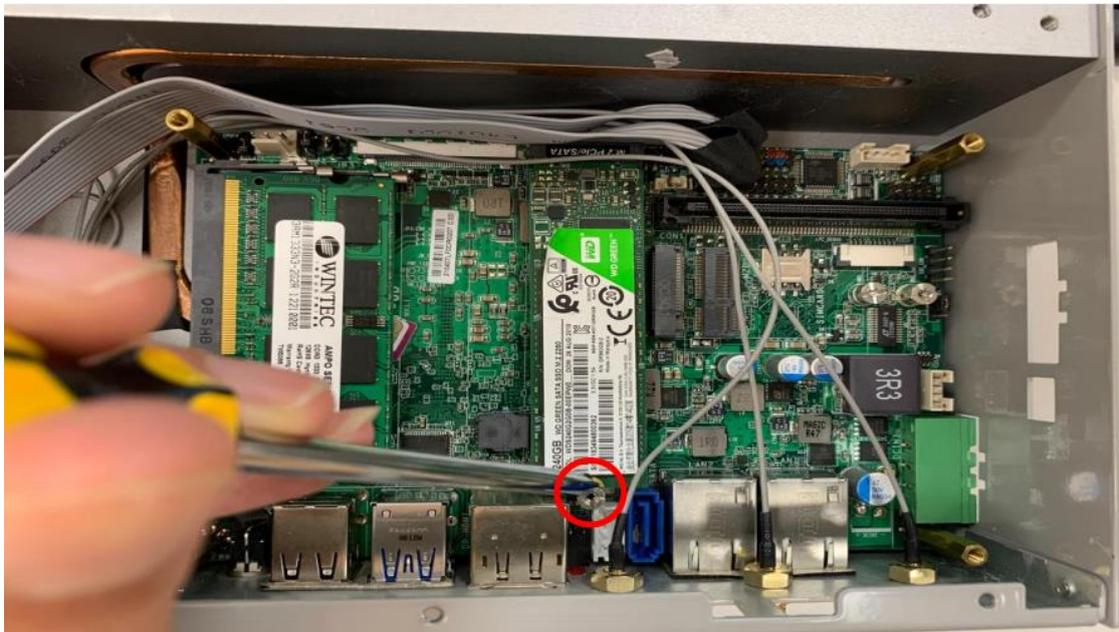
1. Locate the M.2 SATA slot on the board. System supports two types of M.2 card in different lengths (2280/2242). Prepare compatible M.2 SATA card.



2. The reserved screw is installed in the spot reserved for 2280 card. In the case that you wish to install 2280 card, please remove the screw at first.



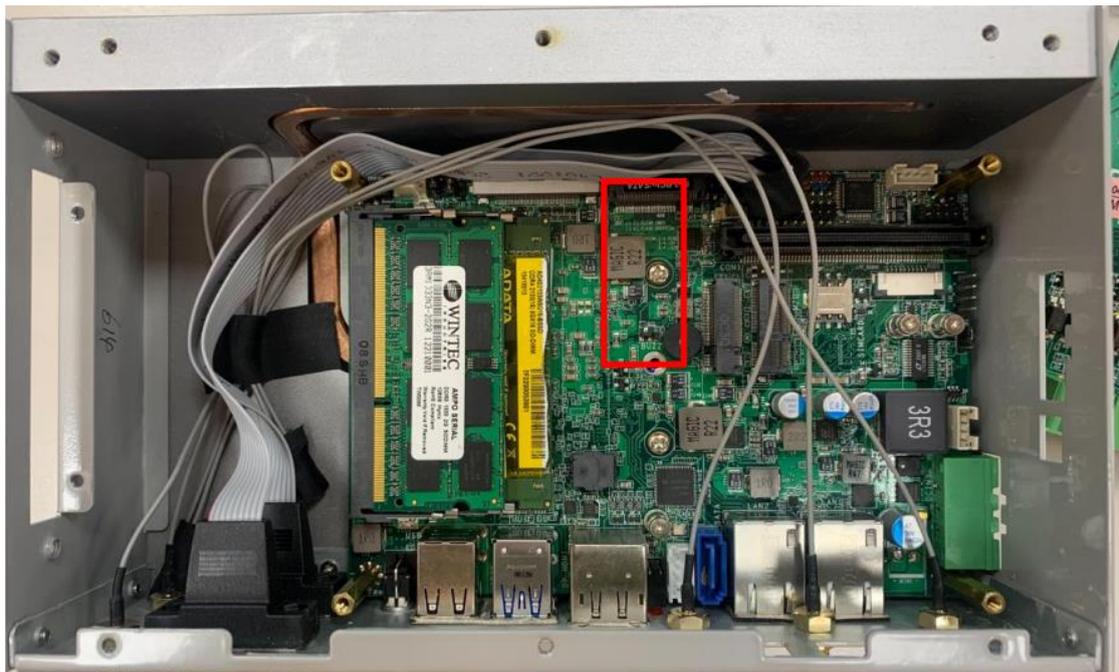
3. Insert the gold-figure side of compatible M.2 M-Key 2280 (PCIe/SATA) card into the slot until the golden finger side fully emerged into the slot.



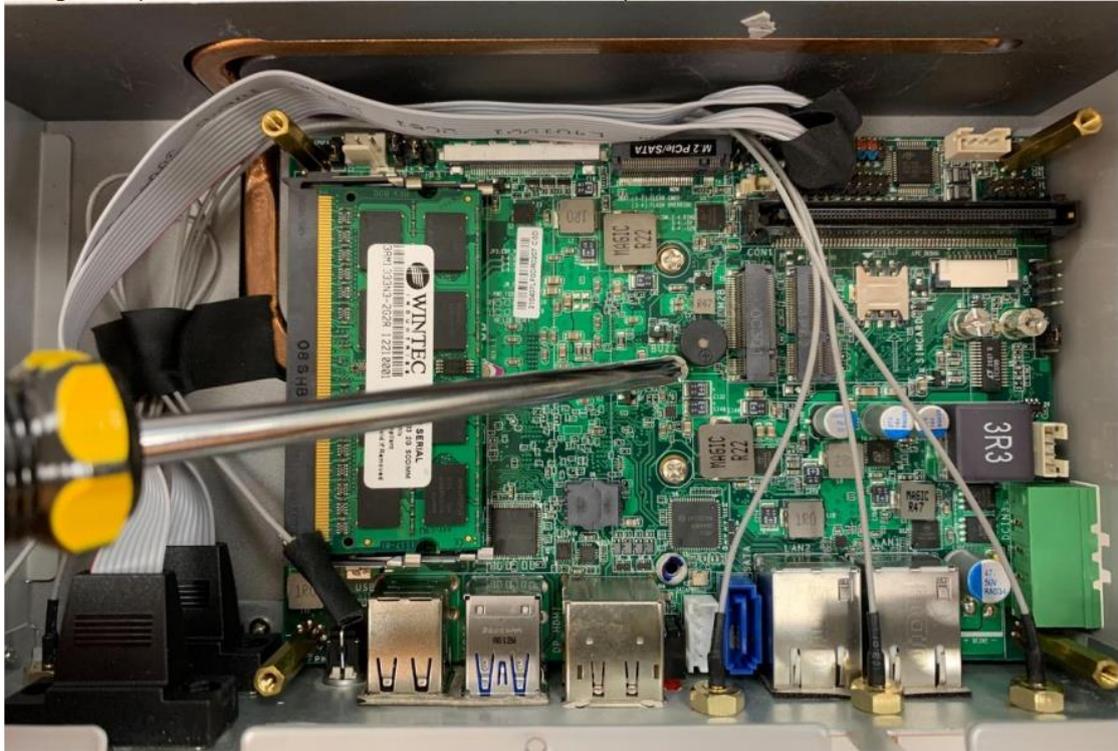
4. Tighten up the screw removed before to the marked spot to secure the card.



5. For 2242 card installation, please remove the screw and the screw bolt underneath from the default spot MH4 to MH2 at first.



6. Tighten up the screw bolt & attached screw to MH2 spot, as the marked frame shows.



7. Remove the screw at first when you are ready to install 2242 card.



8. Insert compatible 2242 card into the slot.



9. Tighten up the screw removed before to the marked spot to secure the card.

IV. To Install M2 E-Key and M2 USB(3042/3052) Card

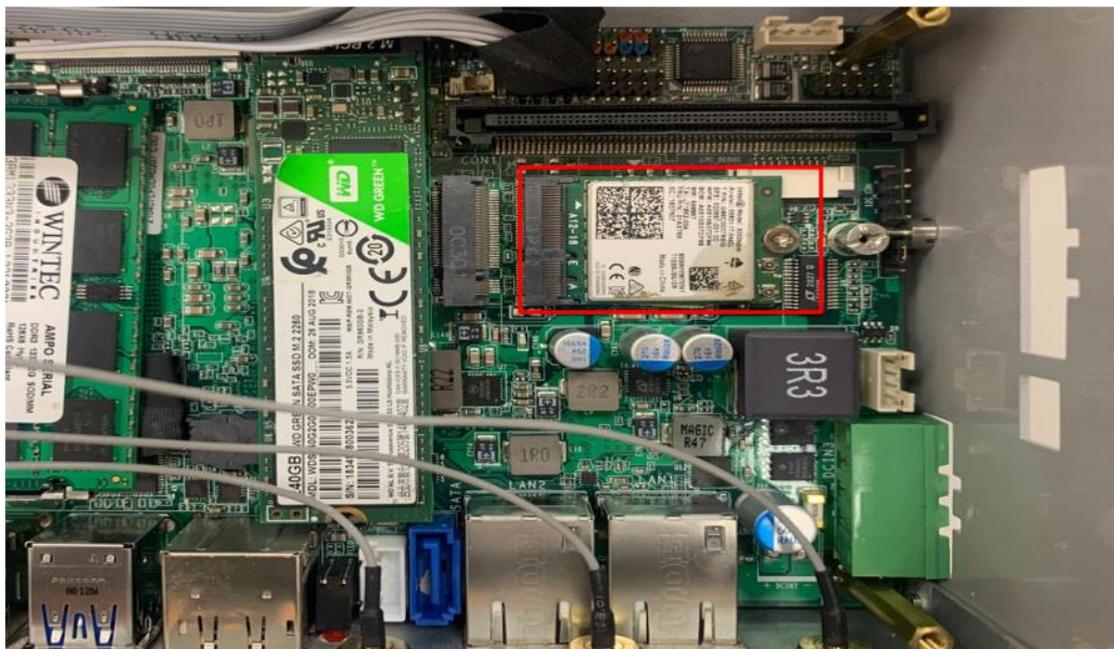
** Note: M.2 E (M2E) slot supports type-2230 compatible Wi-Fi /Bluetooth card with CNVi interface; M.2 B (M2B) slot supports compatible 3042/3052 4G/5G card. Below is a demonstration of Wi-Fi card installation in M2E slot. Please use the same way to install M.2 USB (type-3042/3052) card into M2B slot.*



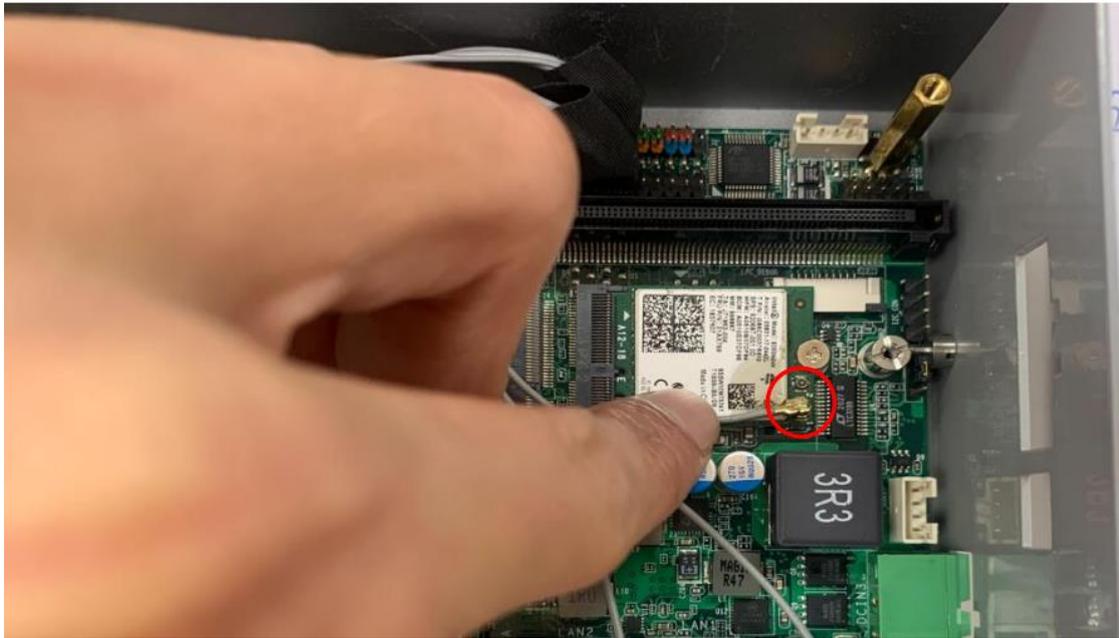
1. Locate the M.2 E (M2E) and M.2 B (M2B) slot on the board.



2. Remove the marked screw and use it to lock M2-E-Key and M2 B-Key card to the slot in later installation.



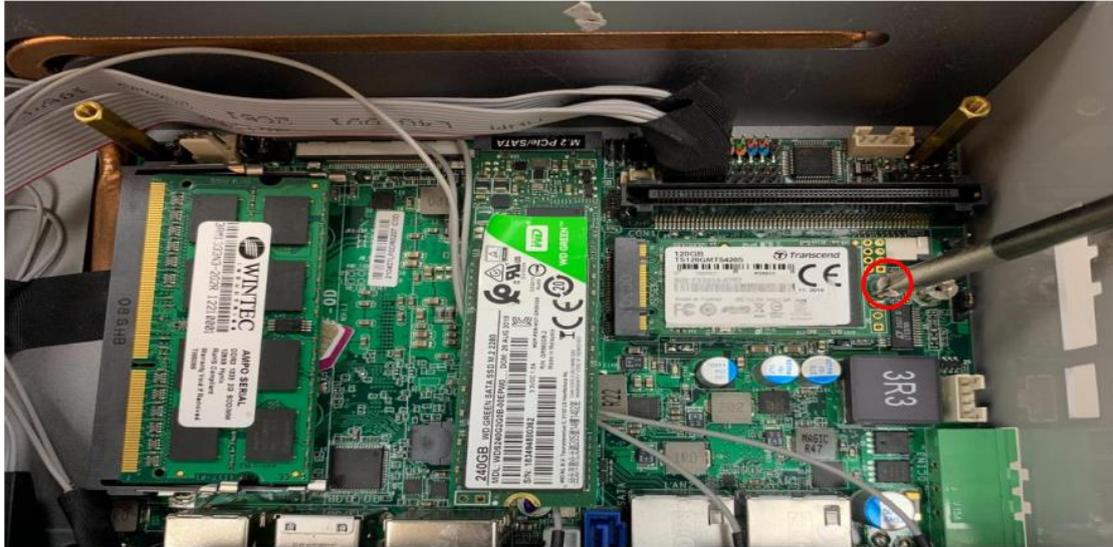
3. Insert the gold-figure side of the compatible card (M2 E-Key) into the slot and press down.



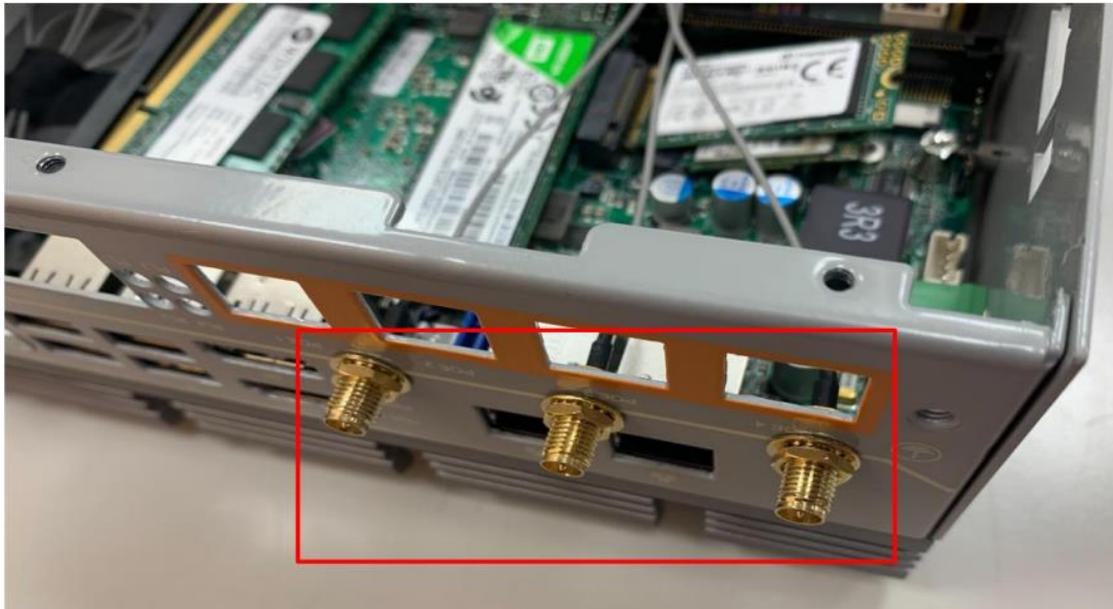
4. Press the metal hat on the end of the antenna string to corresponding antenna slot on the card as showed.



5. Install the compatible card (M2 B-Key 4g/5g) in the same way.



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



7. Locate the reserved antenna holes on the rear panel. Push this antenna screwhead into antenna hole of the rear panel from the backside of the panel.

7-1

①



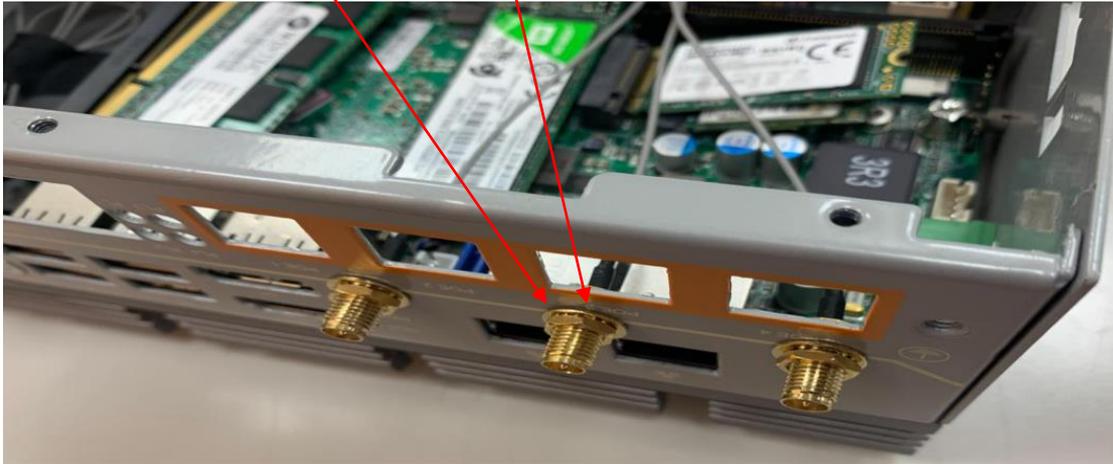
The washer①&the hexagonal screwnut②.

7-2

②



Push the washer① through the antenna head.



8. And then lock the antenna screwhead to the front side of the rear panel with the hexagonal screwnut ② and tighten it up.



9. The rear panel with antenna screwheads installed.

V. To Install 2.5" HDD



1. User can install up to 2.5" HDD on the tray. Adjust the 2.5" HDD on the tray until the screw holes of the tray matched those in the HDD.

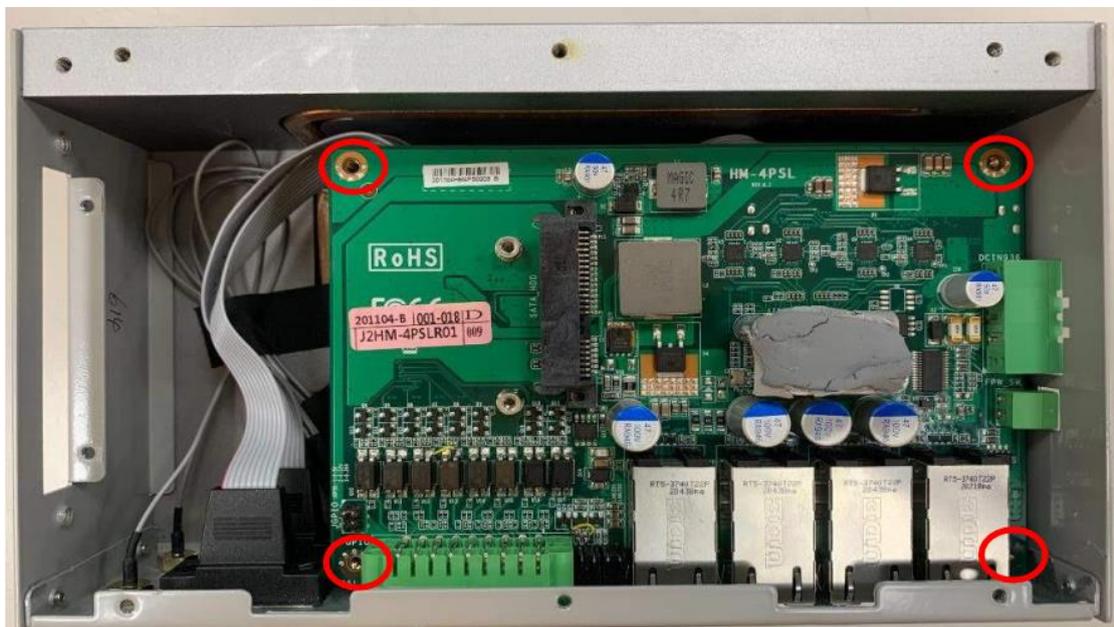


2. Lock the racks with HDD installed by fixing screws to the screw holes marked above.

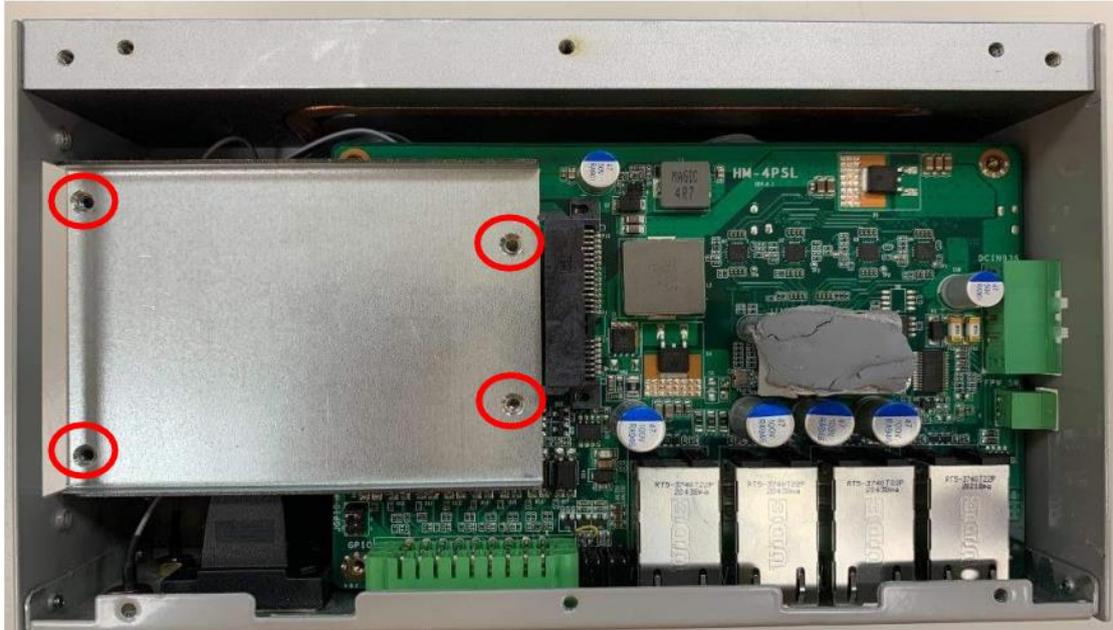


3. Push the interface of HDD into corresponding HDD connector of the board in the direction shown above until it fully fitted into the connector.

VI. Install back to the original



1. Install the second-layer's copper bolts in their original positions to lock motherboard.



2. Lock the racks with HDD installed to the system by fixing 4* screws to the 4* screw holes marked above.



3. Place the system upon a flat operation platform with the top cover side upwards as the photo shows. Then installed the screws in the marked spots with a compatible Phillips screw driver.



4. Also installed the screws on the side chassis cover that lock the HDD expansion ports.



5. Product installation finished.