

Hanwha - WRR-5301/5501 - Field Replacement Unit - Add-in Cards

This document will demonstrate how to replace and install Heatsink Fan for the WRR units.

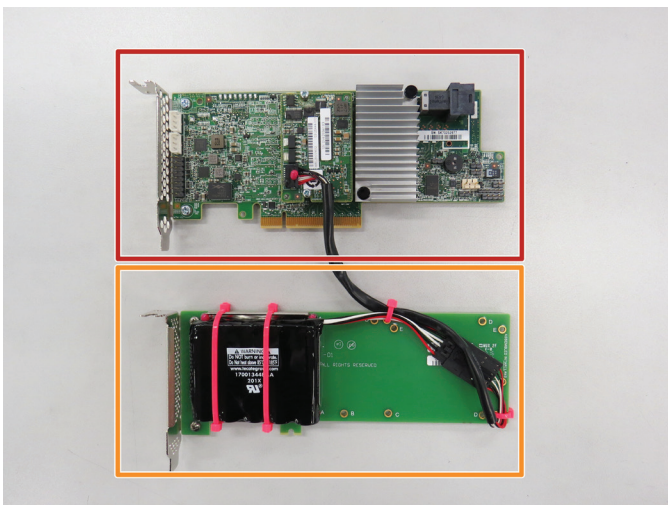
Step 1 - Prepare for Hard Drive Replacement



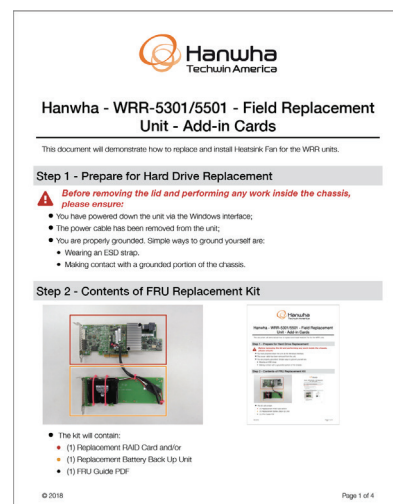
Before removing the lid and performing any work inside the chassis, please ensure:

- You have powered down the unit via the Windows interface;
- The power cable has been removed from the unit;
- You are properly grounded. Simple ways to ground yourself are:
 - Wearing an ESD strap.
 - Making contact with a grounded portion of the chassis.

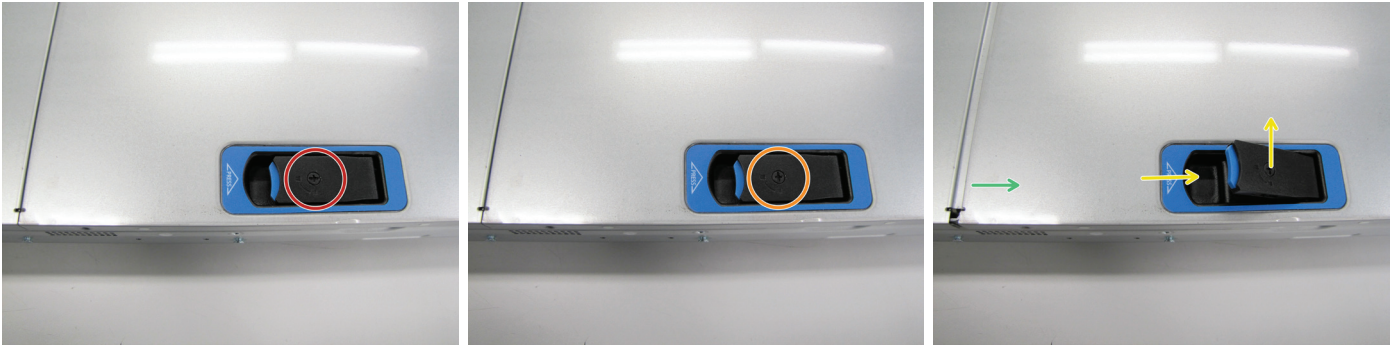
Step 2 - Contents of FRU Replacement Kit



- The kit will contain:
 - (1) Replacement RAID Card and/or
 - (1) Replacement Battery Back Up Unit
 - (1) FRU Guide PDF

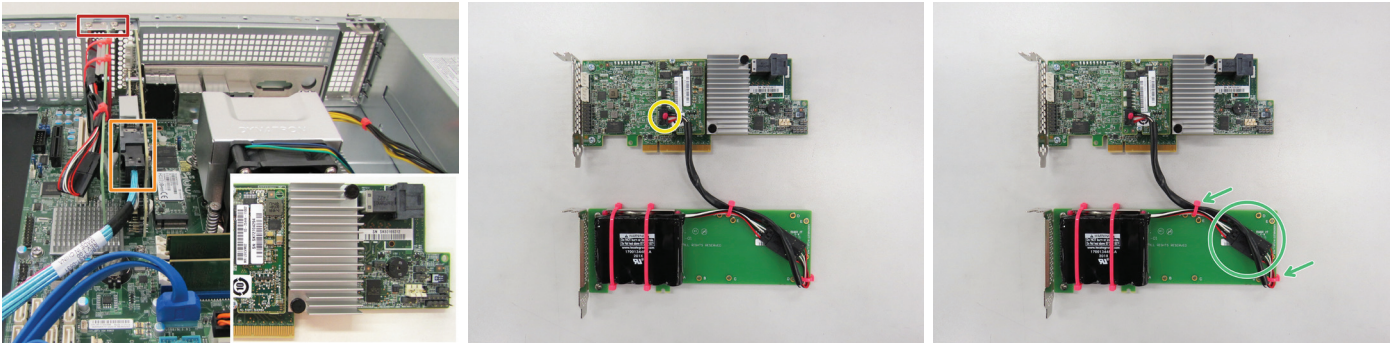


Step 3 - Remove the Lid



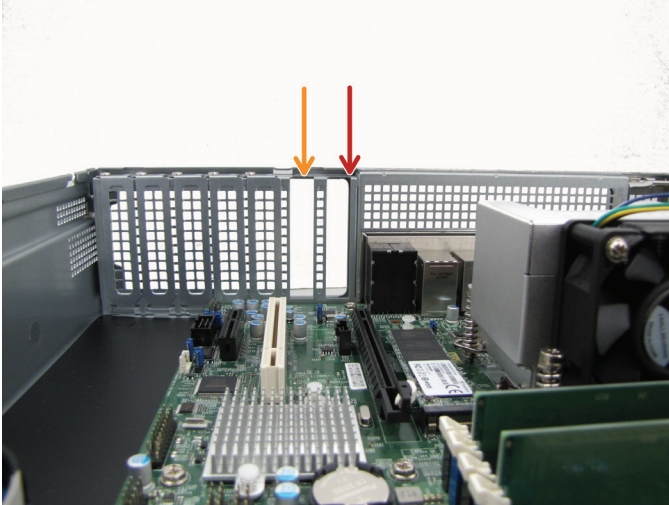
- Unlock the lid to remove it.
 - ⌚ Use a small flathead or Phillips screwdriver.
- **Turn the lock counter clock-wise to unlock.**
 - ⌚ The lid is in the **unlocked** position when the **long** slot is pointing at the open padlock engraving.
- Press the blue button in, and lift up to release the lid.
- The lid will slide away from the chassis and can be removed.

Step 4 - RAID and BBU Add-in Removal and Installation



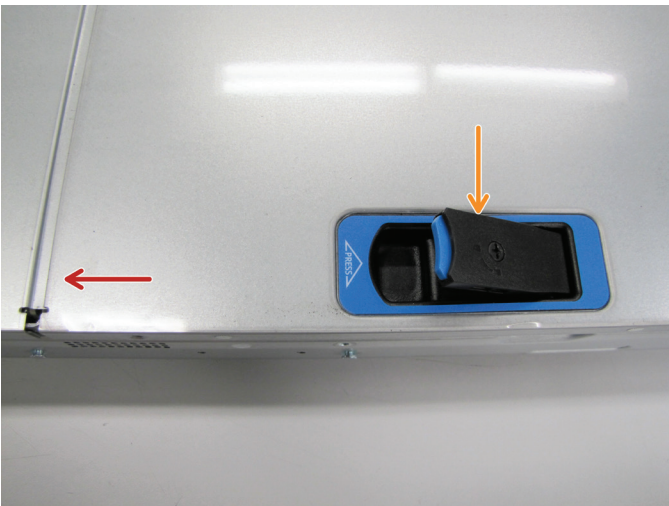
- Remove the screw(s) holding the card(s) in place.
 - ⌚ Do not misplace the screw(s).
- Disconnect the mini-SAS cable from the RAID card.
- **If the RAID card is being replaced:**
 - Disconnect the RAID card from the BBU.
- **If the BBU is being replaced:**
 - Disconnect the BBU from the RAID card.
 - ⌚ It will be necessary to clip the zip-ties holding the cables to the BBU PCB.

Step 5 - RAID and BBU Add-in Removal and Installation 2



- Replace the connected cards back the the slots they were removed from.
 - **RAID Card**
 - **BBU Adapter Card**
 - The BBU card will not be inserted into a motherboard slot, it will just be residing next to the RAID card.
 - Secure the cards to the chassis using the screws removed earlier.

Step 6 - Replace the Lid



- Once placed correctly on the chassis, the lid will slide into place.
- Press the latch down to lock the lid in place.
- Using a small flat head or Phillips screwdriver, turn **clock-wise** to **lock** the latch.