SATA 3 to M.2 SSD RAID Enclosure Assembly Guide

Features

- Standard 2.5", 9.5mm(H) Form Factor
- Support a SATA host & two M.2 NGFF SSD devices
- Built-in ASM1092R high performance processor
- RAID mode switch by hardware strapping or GUI controller
- RAID mode: RAID 0(fast) / RAID 1(safe) / JBOD(volume)
- 3-button Hardware switch to setup RAID mode
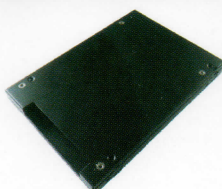- Green LED indicate SATA 3 host active
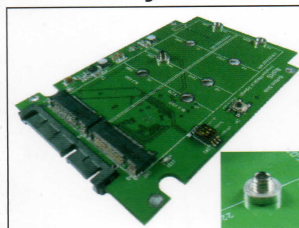- Red LED indicate M.2 NGFF SSD error

Before Assembly

- Please read through the installation guide first.
- Please check the accessory list before the integration. Contact your local distributor if you find any parts missing.
- Please retain the original package if you need to return the package for RMA.
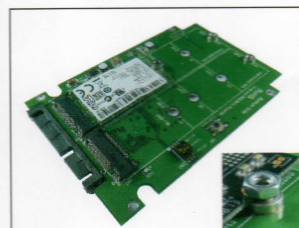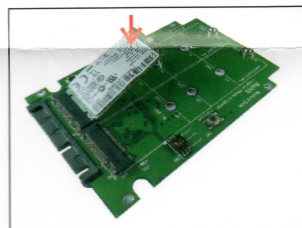
Assembling Accessories

M3x3 Screw*1	M3x5 Screw*1	M3 Nut*1
Copper Nut H: 1.45mm*1	(for Adapter) M2x3 Screw*5	(for Housing) M2x3 Screw*5
2.5" Housing (9.5H) *1		Adapter*1

Required Tools (Not included)

All you need to assemble this unit are one screwdriver.

Assembly

STEP 1.
Make M.2 SSD Stand
Put copper nut on the same side of the M.2 connector.
Fix with M3x5mm screw from bottom to top of the adapter.

STEP 2.
Insert M.2 SSD
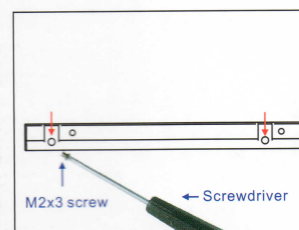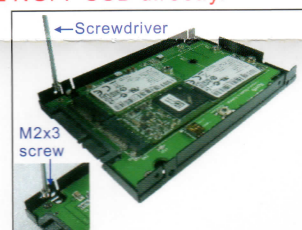Insert M.2 SSD into M.2 67pin connector. Press down M.2 SSD and aim to the copper nut hole.

STEP 3.
Fix M.2 SSD
Use M3 nuts to fixe M.2 NGFF SSD on the adapter, namely complete the assembly.

Repeat Step 1~3 for the 2nd M.2 (NGFF) SSD.

If your M.2 SSD is 2280 form factor, pls ignore STEP 1~3. Use M3x3 Screws 2pcs to fix M.2 NGFF SSD directly.

STEP 4.
Fix Adapter & Housing
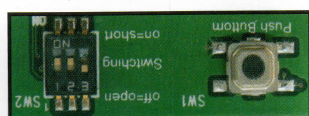Assembly the adapter into 2.5" housing with 4pcs of M2x3 screws.

Screwdriver
M2x3 screw

STEP 5.
Combine 2.5" Housing
Cover the Top cover.
Use 4pcs of M2x3 screws to fix the housing from broadsides.

M2x3 screw   Screwdriver

RAID mode setup :

- Set RAID mode, you must install both 2 devices; otherwise, it is impossible to set RAID mode.

Set RAID 0 mode :

1	2	3
ON	ON	OFF

Switch SW2 as ON-ON-OFF.
Push SW1 Button to complete the setup.

Start PC, BIOS should show RAID 0 mode (ASMT109-Fast).
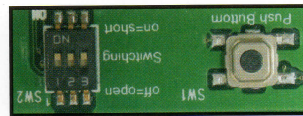
Set RAID 1 mode :

1	2	3
ON	OFF	ON

Switch SW2 as ON-OFF-ON.
Push SW1 Button to complete the setup.

Start PC, BIOS should show RAID 1 mode (ASMT109-Safe).

Set JBOD mode :

1	2	3
ON	ON	ON

Switch SW2 as ON-ON-ON.
Push SW1 Button to complete the setup.

Start PC, BIOS should show JBOD mode (ASMT109-Volume).