

SATA 3 to mSATA SSD RAID Enclosure Assembly Guide

Features

- Standard 2.5", 9.5mm(H) Form Factor
- Support a SATA host & two mSATA 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 mSATA SSD error

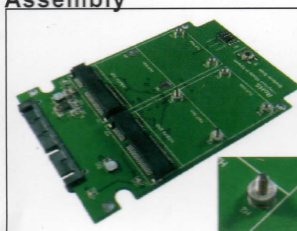
Before Assembly

- 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

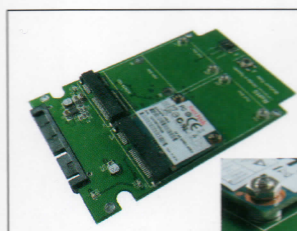
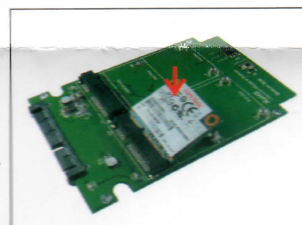
		
M2x6 Screw*4	(for Full Size) M2x3 Screw*4	M2 Nut*4
		
Copper Nut H: 4.0mm*4	(for Adapter) M2x3 Screw*5	(for Housing) M2x3 Screw*5
		
2.5" Housing (9.5H) *1	Adapter*1	
Required Tools (Not included) All you need to assemble this unit are one screwdriver. 		

Assembly



STEP 1.
Make mSATA SSD Stand
Put copper nut on the same side of the mSATA connector.
Fix with M2x3mm screw from bottom to top of the adapter.

STEP 2.
Insert mSATA SSD
Insert mSATA SSD into mSATA 52pin connector. Press down mSATA SSD and aim to the copper nut hole.

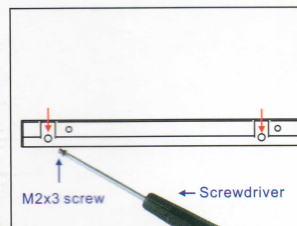
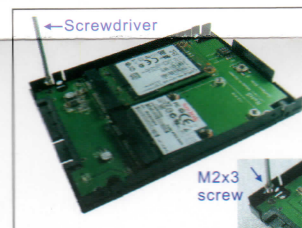


STEP 3.
Fix mSATA SSD
Use M2 nuts to fix mSATA SSD on the adapter, namely complete the assembly.

Repeat Step1~3 for the 2nd mSATA SSD.

If your mSATA SSD is Full Size, pls ignore STEP 1~3. Use M2x3 Screws 2pcs to fix mSATA SSD directly.

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



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

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 (ASMT109x-Fast).

Set RAID 1 mode :

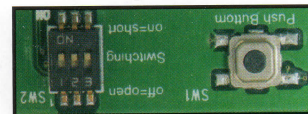


1	2	3
ON	OFF	ON

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

Start PC, BIOS should show RAID 1 mode (ASMT109x-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 (ASMT109x-Volume).