

SATA 3 to M.2 SSD & SATA 7pin RAID Assembly Guide

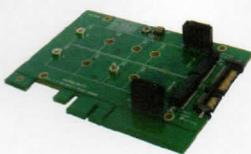
Features

- Build in ASM1092R high performance processor
- Fully hardware-accelerated RAID Engine
- Supports RAID levels: 0 / 1 / JBOD
- Build in SATA 7-pin connector x2
- Build in M.2 NGFF Female connector x2
- PWM synchronous buck converter Power IC x2
- 3A maximum output current
- Short circuit protection
- In-rush current suppression
- Thermal shutdown protection
- ESD HBM (Human Body Mode)/2KV

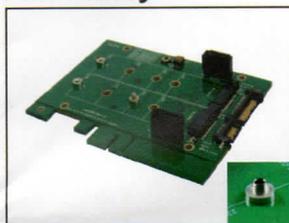
Before Assembly

- 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*2	M3x5 Screw*2	M3 Nut*2
		
Copper Nut H: 1.45mm*2	(for Bracket) M3x3 Screw*8	(for Bracket) M3 Copper Nut*4
		
3.5" Bracket*1	Adapter*1	
Required Tools (Not included)		
All you need to assemble this unit are one screwdriver.		
		

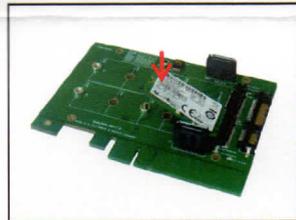
Assembly



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 fix 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.
Assembly 3.5" Bracket
Put M3x3 screw from bottom side to top side of 3.5" frame and fix with M3 copper nut.



STEP 5.
Fix Adapter & 3.5" Bracket
Fixed assembled M.2 SSD and Adapter on 3.5" frame with M3x3 screw.

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).