

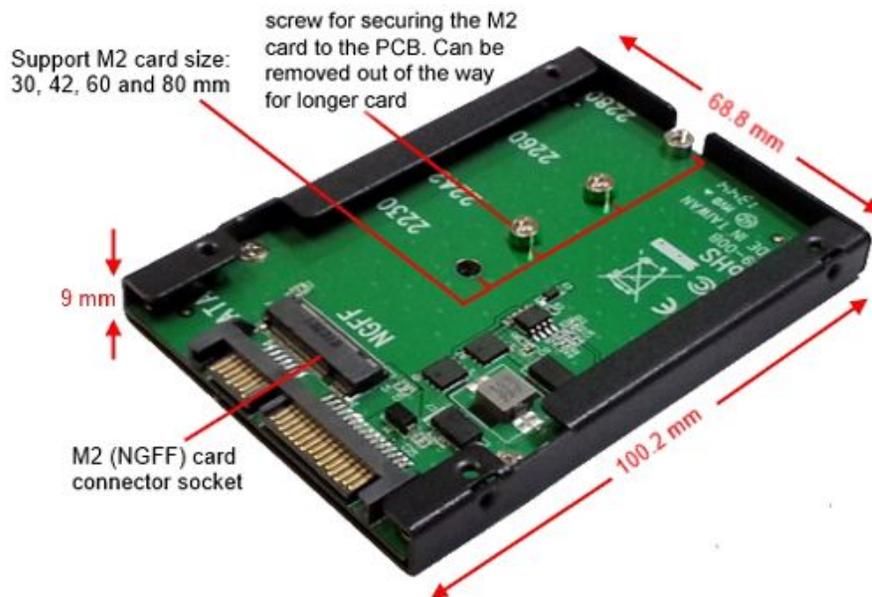
### INTRODUCTION

This Addonics 2.5" M2 (NGFF) Flash drive turns a regular M2 (NGFF) SSD into a 2.5" SSD. The drive frame and the connector mimic the exact size and connector location of a 2.5" SATA hard drive. So once the M2 (NGFF) SSD is mounted inside this 2.5" M2 (NGFF) Flash drive, it can be used just like a standard 9 mm 2.5" SATA hard drive to directly replace the 2.5" hard drive in Notebook or any computing equipment. The 2.5" M2 (NGFF) Flash drive is a simple economical solution to replace a mechanical hard drive with a low power, shock resistant and high performance Solid State Drive.



For more detail of the M2 (NGFF) SSD, please visit the following link <http://en.wikipedia.org/wiki/NGFF>

**The 2.5" M2 flash drive kit is designed to accommodate four different sizes of M2 SSD. The metal frame has the exact dimensions and mounting hole location of a 9 mm 2.5" hard drive.**



### M2 (NGFF) SSD installation

( a 42 mm length NGFF SSD is shown for illustration purpose and is not part of the adapter)

1. remove screw in the middle of the PCB and insert the M2 card into the connector at ~ 30 degree
2. push down the M2 to the PCB



3. secure the M2 card to the PCB with the screw that comes with this drive kit



### Using the 2.5" M2 (NGFF) Flash drive as a 3.5" SATA hard drive

By using the optional 2.5" to 3.5" drive adapter (also called Snap-In 25, model: AE25SN35SA), the 2.5" M2 (NGFF) Flash drive can be used to replace any 3.5" SATA hard drive as shown in the following illustration..

<b>Mounting of the 2.5" M2 (NGFF) Flash drive into the removable tray of the Snap-In 25</b>	<b>Loading the removable tray into the Snap-in 25, which can be used just like a 3.5" SATA hard drive</b>	<b>The snap-In 25 can be mounted into a 3.5" drive bay of a Desktop system</b>
 <p>2.5" M2 Flash drive (shown in reverse side)</p> <p>removable tray from Snap-In 25</p>	 <p>Squeeze the two plastic tabs on the front of the drive tray and pull simultaneously to take it out of the main unit</p> <p>Removable drive tray allows for easy insertion/removal or tray without requiring screws</p>	 <p>Installed into 3.5" drive bay</p>

### FEATURES

- Build your own 2.5" SATA SSD with M2 (NGFF) SSD of your choice
- Support M2 (NGFF) in length of 30, 42, 60 and 80 mm
- Replace 2.5" hard drive with low power and shock resistant M2 (NGFF) SSD
- Direct replacement for Notebook 9 mm height SATA hard drive
- Can be used as removable storage media in conjunction with the Addonics Pocket UDD25 or the Internal UDD25
- Light weight durable aluminum bracket
- Use as a 3.5" hard drive by using optional 2.5" to 3.5" drive adapter (model: AE25SN35SA)
- M2 (NGFF) flash Card can be the primary bootable device containing the OS and applications
- High current power regulator onboard to ensure reliable operation of large capacity high performance NGFF media
- Industrial operating temperature: -40 °C to + 85 °C
- OS independent. No software driver required

### SPECIFICATIONS

- 22-pin SATA and power combo connector (same as 2.5" SATA hard drive)
- SATA Hot-swappable support when connected to SATA port supporting such feature
- Maximum transfer rate: 6 Gbps. Actual speed depends on the speed of the M2 (NGFF) SSD
- 1 M2 (NGFF) card connector plus one mounting pole
- Mounting pole can be moved to lock down media in the length of 30, 42, 60 and 80 mm
- Mounting bracket Dimensions: 69.85 mm (W) x 100.2 mm (L) x 9 mm (H) (same as 2.5" hard drive with 9 mm height)
- Weight: ~ 52 g (1.83 oz) not including the M2 card
- Power: +5V from PC power supply
- Maximum Current: ~50 mA at 5V (without the flash media)
- High current power regulator onboard to ensure reliable operation of large capacity high performance NGFF media
- Industrial operating Temperature: -40 °C to + 85 °C
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -40 °C to + 85 °C
- Storage Humidity: 5% - 95%
- Warranty: One Year