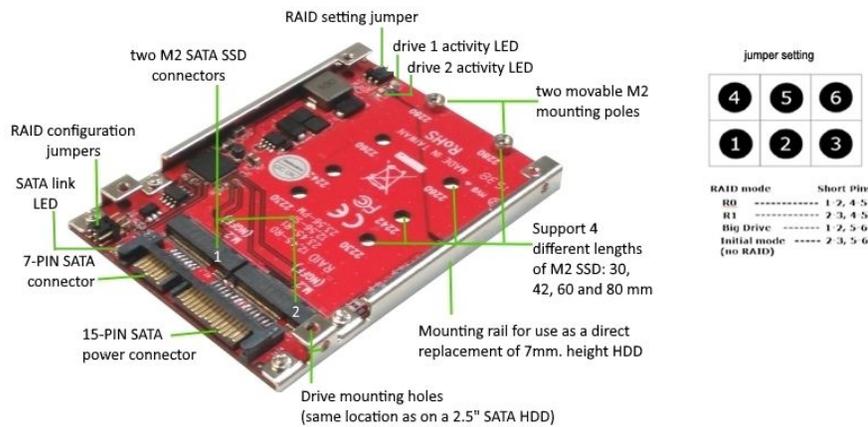## INTRODUCTION

This Addonics Dual M2 SSD adapter enable connecting two M2 SSDs to a single SATA port inside a computer. Once the M2 (NGFF) SSDs are mounted inside this adapter, it can be used just like a standard 7 mm or 9 mm 2.5" SATA hard drive to direct replace the 2.5" hard drive in Notebook or any computing equipment.

The two M2 SSDs installed in this adapter can be set up as a RAID 0, 1 or as a single large drive. When connecting to a PM compatible SATA port, the two SSDs can be used as two independent drive without RAID.
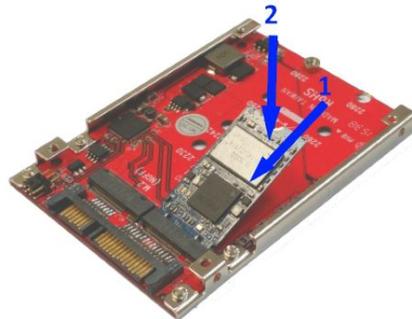
For more detail of the M2 (NGFF) SSD. please visit the following link http://en.wikipedia.org/wiki/NGFF

The adapter can accommodate M2 (NGFF) SSD in length of 30, 42, 60 and 80 mm

FEATURES

- Connect two M2 SSDs to a system via one SATA port
- Used as a direct replacement of the Notebook SATA hard drive (7 mm or 9 mm height) with the low power, high performance and shock resistant M2 (NGFF) SSD
- Support M2 (NGFF) in length of 30, 42, 60 and 80 mm
- The two M2 SSD can be set as RAID 0, 1, LARGE or as two individual drives*
- Supports dual-sided SSD module with1.5mm component height on the top and bottom side
- 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**
- OS independent. No software driver required

  * Individual drives without RAID requires connecting to Port Multiplier compatible SATA port. Addonics offer a wid choose ofSATA controllers that are PM compatible.

SPECIFICIATIONS

- 22-pin SATA and power combo connector (same as on 2.5" SATA hard drive)
- Two M2 SSD connectors plus two mounting poles
- 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
- Mounting pole can be moved to lock down media in the length of 30, 42, 60 and 80 mm
- Power: +5V from PC power supply
- Power consumption: ~250 mA at 5V (without the flash media)
- High current power regulator onboard to ensure reliable operation of large capacity high performance NGFF media
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -40 °C to + 85 °C
- Storage Humidity: 5% - 95%