

INTRODUCTION

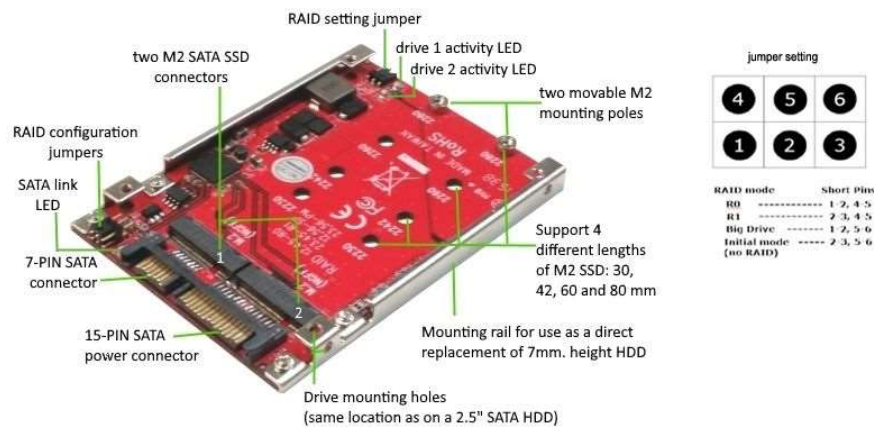
This Addonics Dual M2 SSD adapter enable connecting two M2 SSDs to a single SATA port inside a computer. Once the M2 (NGFF) SSDs are mounted inside this adapter, it can be used just like a standard 7 mm or 9 mm 2.5" SATA hard drive to direct replace the 2.5" hard drive in Notebook or any computing equipment.

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.

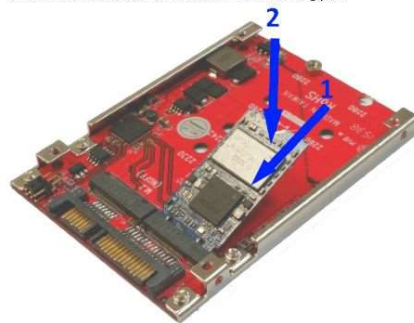
For more detail of the M2 (NGFF) SSD. please visit the following link <http://en.wikipedia.org/wiki/NGFF>



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



1. Move the mounting pole to the hole location that corresponds to the length of the M2 card. Insert the M2 card into the M2 socket at ~30 degree angle
2. Push on the M2 card till it rests on the mounting pole



3. Secure the M2 card to the mounting pole by using one of the screws that come with this adapter



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 with 1.5mm 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 wide choice of SATA controllers that are PM compatible.

SPECIFICATIONS

- 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 temperature range: 0 °C to +70 °C
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -40 °C to + 85 °C
- Storage Humidity: 5% - 95%