

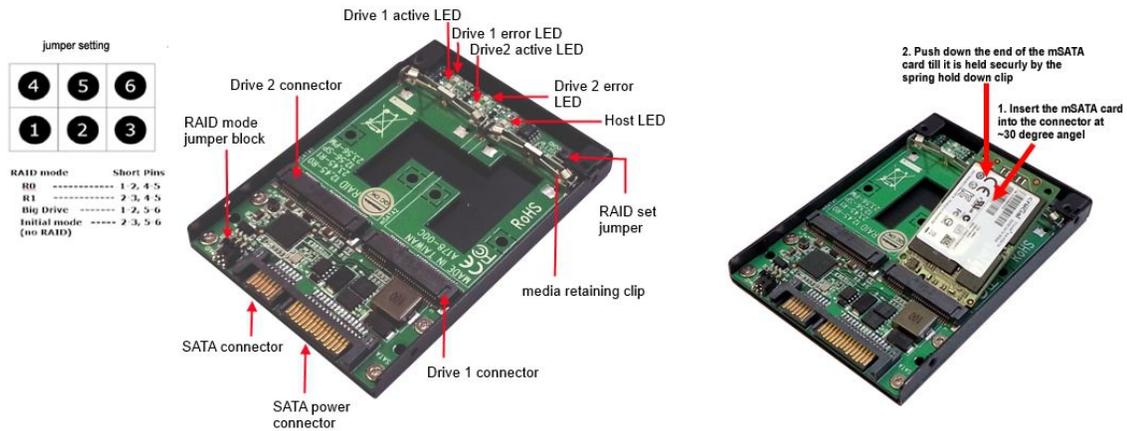
INTRODUCTION

This 2.5" inch dual mSATA flash drive kit is designed to enable two mSATA (mini SATA) SSDs to be used like a standard 9 mm height 2.5" SATA hard drive. The two mSATA SSDs can be configured to form a single RAID volume and used as a direct replacement for the 2.5" SATA hard drive. It can be used in the tray-less removable drive bay system such as the Addonics family of Snap-In mobile rack or Disk Array. This drive kit is capable of performance up to 6 Gbps and allows the two mSATA card to be used as bootable SSD.

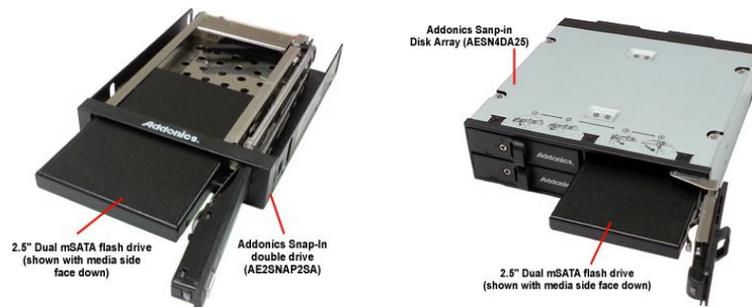


The frame bracket on this drive kit has the same mounting holes location as on a standard 2.5" hard drive. As a result, any equipment such as Notebook computer that uses a 2.5" SATA hard drive with 9 mm height or thicker can be easily replaced with the low power, high performance and shock resistant mSATA card. When connecting to a Port Multiplier compatible SATA port, the two mSATA SSDs can also be set up to operate as two independent drives.

Overview of the 2.5" dual mSATA flash drive



Compatible with tray-less removable drive system such as Addonics Snap-in Mobile Rack or Disk Array



FEATURES

- Convert standard mSATA card into a 9 mm height 2.5" SSD drive
- Can install up to two mSATA (mini SATA) SSDs
- The two mSATA cards can be configured as RAID 0, RAID 1, BIG DRIVE (SPAN) or as two individual drives*
- Use as direct replacement for 2.5" 9 mm height SATA hard drive for Notebook or any computer equipment
- Can be used as removable storage media in conjunction with the Addonics Pocket UDD25 or Internal UDD25
- Compatible with tray-less removable drive system such as Addonics family of 2.5" Snap-In mobile rack or Disk Array
- The resulted RAID volume can be used as direct replacement for 2.5" hard drive with drive thickness of 9 mm or higher
- Compatible with Port Multiplier
- Support maximum data transfer of 6 Gbps when connects to SATA III port
- Can be the primary bootable device containing the OS and applications
- No special tool required to mount the mSATA cards onto the adapter
- OS independent with no software driver to install

For individual drive configuration, the SATA port must be Port Multiplier compatible. SATA port on most laptop systems are not PM compatible. Please check with your equipment manufacturer if you plan to use this adapter for two individual drives set up.

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 mSATA SSD
- 2 mSATA card connectors plus two hold down spring clips
- Dimensions (W x L x H): ~ 69.85 x 100.2 x 9 mm (same as 2.5" hard drive with 9 mm height)
- Weight: ~ 52 g (1.83 oz.) not including the mSATA cards
- Power: +5V from PC power supply
- Minimum Current: ~50 mA at 5V without the mSATA cards
- Industrial operating Temperature: 0 - 65 °C
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -40 °C to + 85 °C
- Storage Humidity: 5% - 95%