

INTRODUCTION

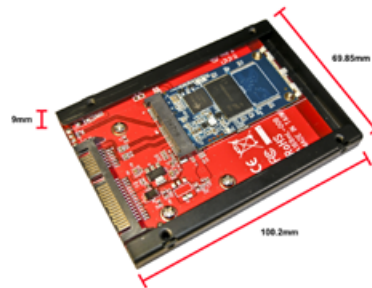
This Addonics 2.5" mSATA Flash drive turns a regular mSATA SSD into a 2.5" SSD. The drive frame and the connector mimic the exact size and connector location of a 2.5" SATA hard drive. So once the mSATA SSD is mounted inside this 2.5" mSATA Flash drive, it can be used just like a standard 9mm 2.5" SATA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



mSATA SSD installation illustration



completed 2.5" mSATA Flash drive that has the same mechanical dimension of a 9 mm 2.5" HDD



note: mSATA SSD in the diagram is for illustration purpose and is not part of the 2.5" mSATA Flash drive product

Using the 2.5" mSATA 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" mSATA Flash drive can be used to replace any 3.5" SATA hard drive as shown in the following illustration..

Mounting of the 2.5" mSATA Flash drive into the removable tray of the Snap-In 25



Loading the removable tray into the Snap-in 25, which can be used just like a 3.5" SATA hard drive



The snap-In 25 can be mounted into a 3.5" drive bay of a Desktop system



FEATURES

- Build your own 2.5" SATA SSD with mSATA SSD of your choice
- Replace 2.5" hard drive with low power and shock resistant mSATA SSD
- Direct Notebook hard drive replacement
- Use as a 3.5" hard drive by using optional 2.5" to 3.5" drive adapter (model: AE25SN35SA)
- mSATA flash Card can be the primary bootable device containing the OS and applications
- 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 mSATA SSD
- 1 mSATA card connector plus two mounting poles
- Dimensions: 69.85 mm (W) x 100.2 mm (L) x 9 mm (H) (same as 2.5" hard drive with 9 mm height)
- Power: +5V from PC power supply
- Maximum Current: ~50 mA at 5V
- 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