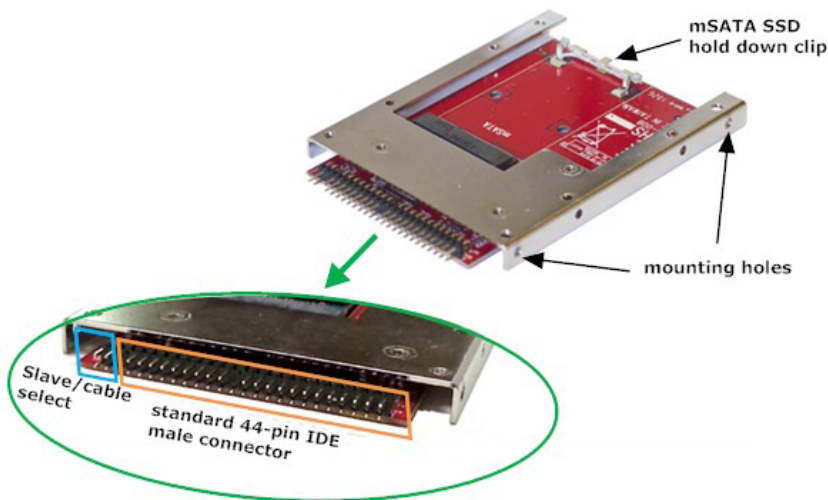
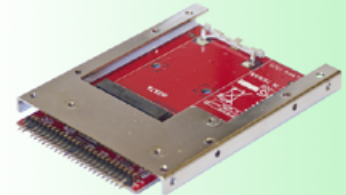


### INTRODUCTION

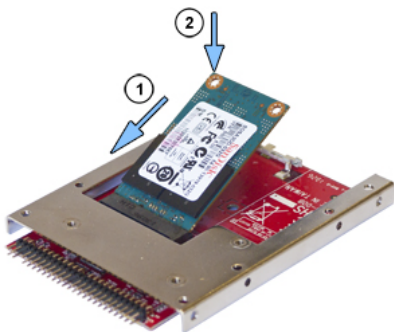
This Addonics 2.5" IDE mSATA Flash drive turns a regular mSATA SSD into a 2.5" IDE SSD. The drive frame and the connector mimic the exact size and connector location of a 2.5" IDE hard drive. So once the mSATA SSD is mounted inside this 2.5" IDE mSATA Flash drive, it can be used just like a standard 7 mm 2.5" IDE hard drive to directly replace the 2.5" hard drive in a Notebook or any computing equipment. With the addition of an optional 2.5" - 3.5" IDE connector converter, the 2.5" IDE mSATA Flash drive can be connected to a standard 40-pin IDE port commonly found on legacy Desktop systems. The 2.5" IDE mSATA Flash drive is a simple economical solution to replace a mechanical hard drive with a low power shock resistant Solid State Drive.

### 2.5" IDE mSATA Flash drive



### Illustration of using the 2.5" IDE mSATA Flash drive to replace the IDE hard drive in a legacy IBM Thinkpad Notebook

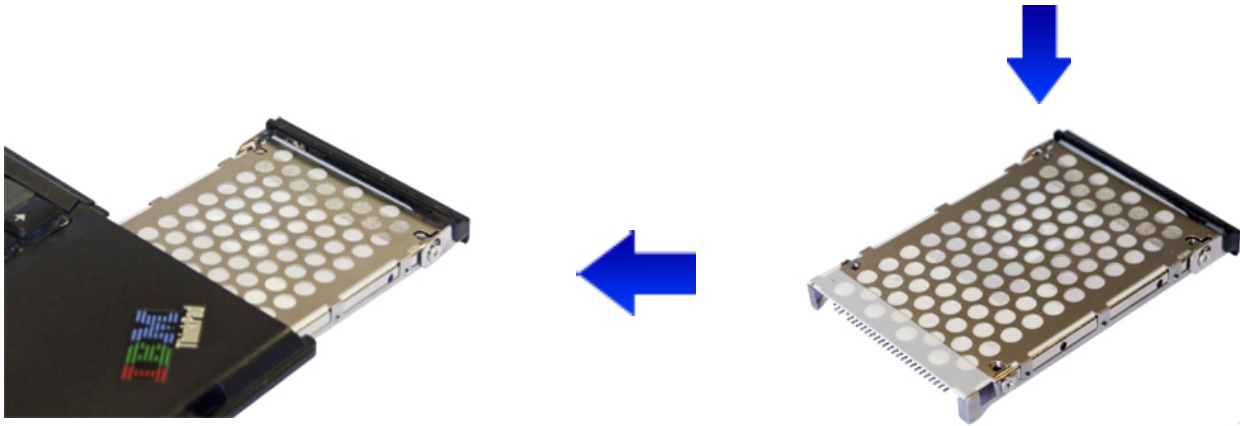
mSATA SSD installation illustration



completed assembly has the same mechanical dimension of a 7 mm 2.5" SSD



1. Insert the connector end of the mSATA SSD into the mSATA connector on the adapter at a 30° angle
2. Push down the opposite end of the mSATA SSD till it is locked down by the hold down clip



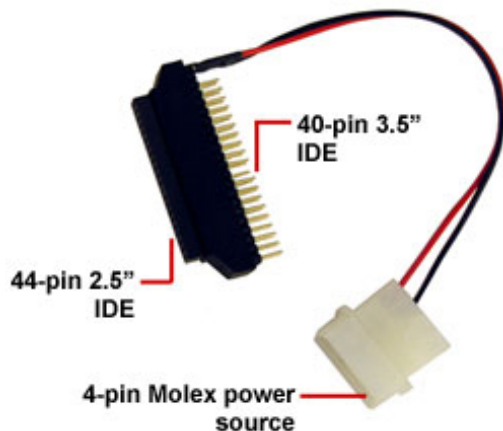
replace the 2.5" hdd on the Thinkpad drive tray with the 2.5" IDE mSATA Flash drive

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

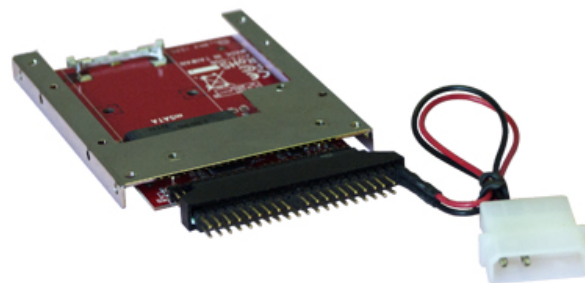
### Using the 2.5" IDE mSATA Flash drive as a 3.5" IDE hard drive

By using the optional 2.5" to 3.5" connector adapter (AA25IDE35), the 2.5" IDE mSATA Flash drive can be used to replace any 3.5" IDE hard drive as shown in the following illustration.

2.5" to 3.5" connector adapter



2.5" - 3.5" connector adapter mounted on the back of the 2.5" IDE mSATA drive



### FEATURES

- Build your own 2.5" IDE SSD with mSATA SSD of your choice
- Replace 2.5" or 3.5" IDE hard drive with low power and shock resistant mSATA SSD
- Increase boot time and overall performance of the system
- Extend battery life by reducing power consumption of the old IDE drive
- Direct Notebook hard drive replacement
- Use as a 3.5" IDE hard drive by using optional 2.5" to 3.5" connector adapter
- mSATA flash Card can be the primary bootable device containing the OS and applications
- OS independent. No software driver required

### SPECIFICATIONS

- 44-pin IDE connector (same as 2.5" IDE hard drive)
- Maximum transfer rate: 150 MB/sec. Actual speed depends on the speed of the mSATA SSD
- 1 mSATA card connector with hold down clip
- Dimensions (L x W x H): 100.2 x 69.85 x 7 mm (same as 2.5" hard drive with 7 mm height)
- Weight: ~ 48 g (1.7 oz) including the mounting bracket
- Power: +5V from PC power supply
- Maximum Current: ~100 mA at 5V not including the mSATA media
- Operating Temperature: 0 °C to + 65 °C
- Operating Humidity: 5% - 95% (non condensing)
- Storage Temperature: -20 °C to + 85 °C
- Storage Humidity: 5% - 95%
- Warranty: One Year