Dual mSATA SSD to 2.5" SATA RAID Adapter Converter

StarTech ID: 25SAT22MSAT

Vastly increase system performance by adding a dual mSATA SSD RAID array into any 2.5" SATA HDD application with the 25SAT22MSAT mSATA to SATA adapter.

Utilize the full potential of your SATA III controller, with mSATA SSDs reducing your data transfer bottleneck with file transfer speeds up to 6 Gbps. mSATA SSDs also save you money by reducing your power consumption over regular platter drives.

You can achieve greater SSD capacity, or data redundancy with the Dual SSD controller supporting multiple RAID modes (RAID 0, 1, BIG). The SSD adapter also supports non-RAID operation (JBOD) when paired with a port-multiplying SATA controller, so both drives can be used independent of one another.

Help protect the health of your drive with an open-frame design ensuring maximum heat dissipation.

The 25SAT22MSAT is backed by a StarTech.com 2-year warranty, and lifetime technical support.

Applications

- Add data redundancy to your SSD system, by adding an additional SSD in a RAID array (RAID1)
- Increase the capacity of your SSD system by adding an additional SSD in a RAID array (RAID 0/BIG)
- Turn two unused mSATA SSD drives into a hardware RAID 2.5in SATA solid state drive

Features

- Dual full size mSATA SSD bays
- Supports RAID0, RAID1, JBOD, BIG

Technical Specifications

Warranty	2 Years
Interface	SATA
Number of Drives	2
Compatible Drive Types (Type and Rate)	mSATA (Mini SATA)
Drive Installation	Fixed
Chipset ID	JMicron JMS562
Drive Connectors	2 - mSATA (52 pin; Mini SATA) Receptacle
Host Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Maximum Data Transfer Rate	6 Gbps
Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Hot Swap Capability	No
OS Compatibility	Windows XP (32/64-bit)/ Server 2003 (32/64-bit)/ Server 2008 R2/ Server 2012/ Vista (32/64-bit)/ 7 (32/64-bit)/ 8/8.1 (32/64-bit) Mac OS X Linux
Product Length	3.8 in [97 mm]
Product Width	2.8 in [70 mm]
Product Height	0.3 in [7 mm]
Product Weight	1.4 oz [39 g]
LED Indicators	1 - Drive #1 Activity
LED Indicators	1 - Drive #1 Failure
LED Indicators	1 - Drive #2 Activity
LED Indicators	1 - Drive #2 Failure
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Shipping (Package) Weight	3.8 oz [108 g]
Included in Package	1 - Dual mSATA to 2.5in SATA Adapter

Certifications, Reports and Compatibility