

Dual mSATA SSD to 2.5" SATA RAID Adapter Converter

Product 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.

Certifications, Reports and Compatibility

Applications

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

Features

- Dual full size mSATA SSD bays
- Supports RAID0, RAID1, JBOD, BIG
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives and controllers
- Open-frame steel mounting bracket
- 2.5in SATA form factor housing

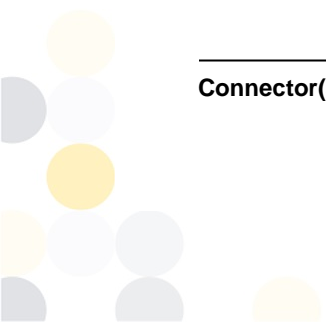
Hardware

Warranty	2 Years
Interface	SATA
Number of Drives	2
Drive Size	mSATA (Full Size & Half Size)
Compatible Drive Types	mSATA (Mini SATA)
Drive Installation	Fixed
Chipset ID	JMicron - JMS562

Performance

Maximum Data Transfer Rate	6 Gbps
Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
Hardware Raid Supported	Yes
Supported RAID Modes	RAID 0 (Striped Disks) RAID 1 (Mirrored Disks) BIG (Spanning or Concatenation) JBOD - (Just a Bunch of Disks)
Hot Swap Capability	No
MTBF	5,101,299 Hours

Connector(s)



Drive Connectors	mSATA (52 pin, Mini SATA)
Host Connectors	SATA Data & Power Combo (7+15 pin)

Software

OS Compatibility	OS independent; No software or drivers required
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Indicators

LED Indicators	Drive #1 Activity
	Drive #1 Failure
	Drive #2 Activity
	Drive #2 Failure

Environmental

Operating Temperature	-40C to 85C (-40F to 185F)
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Physical Characteristics

Material	Steel, Aluminum and Plastic
Product Length	3.8 in [97 mm]
Product Width	2.8 in [70 mm]
Product Height	0.3 in [7 mm]
Weight of Product	1.4 oz [39 g]

Packaging Information

Package Length	5.7 in [14.5 cm]
Package Width	6.9 in [17.4 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	3.8 oz [107 g]

What's in the Box

Included in Package	Dual mSATA to 2.5in SATA Adapter
	Mounting screw kit



Install Guide

****Product appearance and specifications are subject to change without notice.***

