

## Dual mSATA SSD to 2.5" SATA RAID Adapter Converter - TAA

**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

- 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
- 2.5in SATA form factor housing
- Open-frame steel mounting bracket
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives and controllers

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### 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

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### 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

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**Connector(s)**

Drive Connectors 2 - mSATA (52 pin, Mini SATA)

Host Connectors 1 - SATA Data & Power Combo (7+15 pin)

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**Software**

OS Compatibility OS independent; No software or drivers required

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**Indicators**

LED Indicators 1 - Drive #1 Activity

1 - Drive #1 Failure

1 - Drive #2 Activity

1 - Drive #2 Failure

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**Power**

Input Voltage 5V DC

Output Voltage 5 DC

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**Environmental**

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

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**Physical Characteristics**

Color Green

Material Steel, Aluminum and Plastic

Product Length 3.8 in [97 mm]

Product Width 2.8 in [7 cm]

Product Height 0.3 in [0.7 cm]

Weight of Product 1.4 oz [39 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.9 in [17.5 cm]
Package Width	5.6 in [14.3 cm]
Package Height	1.3 in [3.4 cm]
Shipping (Package) Weight	3.8 oz [108.0 g]

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**What's in the Box**

Included in Package	1 - Dual mSATA to 2.5in SATA Adapter
	1 - Mounting screw kit
	1 - Install Guide

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**Warranty Information**

Warranty	2 Years
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***\*Product appearance and specifications are subject to change without notice.***