

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

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

| | | |
|---------------------------------|----------------------------|---|
| Hardware | Warranty | 2 Years |
| | Chipset ID | JMicron - JMS562 |
| | Compatible Drive Types | mSATA (Mini SATA) |
| | Drive Installation | Fixed |
| | Drive Size | mSATA (Full Size & Half Size) |
| | Interface | SATA |
| | Number of Drives | 2 |
| Performance | Hot Swap Capability | No |
| | Maximum Data Transfer Rate | 6 Gbps |
| | MTBF | 5,101,299 Hours |
| | Port Multiplier | Yes |
| | RAID | Yes |
| | Supported RAID Modes | BIG (Spanning or Concatenation) |
| | | JBOD - (Just a Bunch of Disks) |
| RAID 0 (Striped Disks) | | |
| RAID 1 (Mirrored Disks) | | |
| Type and Rate | SATA III (6 Gbps) | |
| Connector(s) | Drive Connectors | 2 - mSATA (52 pin, Mini SATA) Receptacle |
| | Host Connectors | 1 - SATA Data & Power Combo (7+15 pin) Receptacle |
| Software | OS Compatibility | OS independent; No software or drivers required |
| Indicators | LED Indicators | 1 - Drive #1 Activity |
| | | 1 - Drive #1 Failure |
| | | 1 - Drive #2 Activity |
| | | 1 - Drive #2 Failure |
| Environmental | Operating Temperature | -40°C to 85°C (-40°F to 185°F) |
| Physical Characteristics | Material | Steel, Aluminum and Plastic |
| | Product Height | 0.3 in [7 mm] |
| | Product Length | 3.8 in [97 mm] |
| | Product Width | 2.8 in [70 mm] |
| | Weight of Product | 1.4 oz [39 g] |

| | | |
|------------------------------|---------------------------|--------------------------------------|
| Packaging Information | Package Height | 1.3 in [32 mm] |
| | Package Length | 5.7 in [14.5 cm] |
| | Package Width | 6.9 in [17.4 cm] |
| | Shipping (Package) Weight | 3.8 oz [107 g] |
| What's in the Box | Included in Package | 1 - Dual mSATA to 2.5in SATA Adapter |
| | | 1 - Mounting screw kit |
| | | 1 - Install Guide |

Product appearance and specifications are subject to change without notice.