

## Dual Bay SATA External Hard Drive Enclosure - 2 Bay USB 3.0 RAID 3.5in HDD Enclosure

**Product ID:** SAT3520U3SR



The SAT3520U3SR USB 3.0 RAID Enclosure turns two 3.5" SATA (SATA I, SATA II, SATA III) hard drives into an external RAID array through a USB 3.0 connection. Large capacity drives (tested with up to 4TB per bay) can be used to greatly enhance your computer storage/backup capabilities.

Whether it's greater capacity or data redundancy you're looking for, this USB 3.0 dual drive enclosure is the solution, with built-in support for multiple RAID modes (RAID 0, 1, JBOD) which enables the enclosure to fit the role you need. The drive enclosure also supports non-RAID operation, so both drives can be used independent.

Compliant with the SuperSpeed USB 3.0 specification, which can provide up to 5 Gbps of data bandwidth (10x more than USB 2.0), the SAT3520U3SR RAID enclosure makes it easier and faster to transfer or stream large amounts of data. Although the dual drive enclosure will perform at peak speeds when connected to a USB 3.0 host computer, it is also more than suitable for use with older systems, as it is backward compatible with USB 2.0 connections.

With a built-in cooling fan the SAT3520U3SR can help extend the life of your hard drives and is backed by a StarTech.com 2-year warranty, and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Scenarios requiring easy storage transferability between different computer systems and large volume external storage for backups/archiving
- Business applications that require external RAID storage for data redundancy
- Video editing or photography professional/enthusiasts working with very large file sizes

## Features

- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives
- Power and activity LED for each drive bay
- Supports 3.5" form factor SATA hard drives
- 50mm cooling fan
- Supported RAID modes: 0, 1, JBOD
- SuperSpeed USB 3.0 compliant host interface with support for up to 5Gbps of bandwidth
- Dual fixed hard drive bays

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## Hardware

|                        |                                              |
|------------------------|----------------------------------------------|
| Warranty               | 2 Years                                      |
| Fan(s)                 | Yes                                          |
| Fans                   | 50 mm                                        |
| Interface              | USB 3.0                                      |
| Bus Type               | USB 3.0                                      |
| Number of Drives       | 2                                            |
| Drive Size             | 3.5in                                        |
| Compatible Drive Types | SATA                                         |
| Drive Installation     | Fixed                                        |
| Chipset ID             | ASMedia - ASM1051<br>Silicon Image - Sil5923 |

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## Performance

|                            |                    |
|----------------------------|--------------------|
| Maximum Data Transfer Rate | 10 Gbps            |
| Type and Rate              | USB 3.0 - 5 Gbit/s |
| UASP Support               | No                 |
| Type and Rate              | SATA II (3 Gbps)   |
| Hardware Raid              | Yes                |



Supported

Supported RAID Modes RAID 0 (Striped Disks)  
JBOD - (Just a Bunch of Disks)  
RAID 1 (Mirrored Disks)

Max Drive Capacity Currently tested with up to 4TB 5400 RPM hard drives per bay (8TB total)

#### Connector(s)

Drive Connectors SATA Data & Power Combo (7+15 pin)  
Host Connectors USB Type-B (9 pin) USB 3.0

#### Software

OS Compatibility Windows 8/8.1 (32/64bit), 7 (32/64bit), Server 2008 (32/64), Vista(32/64), Server 2003 (32/64) XP(32/64), 2000  
Apple Mavericks (10.9) OSX Mountain Lion (10.8), Lion (10.7), Snow Leopard (10.6)  
Linux

#### Special Notes / Requirements

System and Cable Requirements Available USB 3.0 port  
Note <p>For older 32-bit Windows systems, the maximum supported partition size is 2 TB. Windows will limit the partition size to 2TB, or not properly detect the drive(s) if the size is greater than 2TB per drive/array.</p>

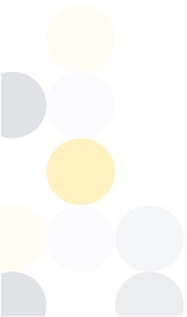
#### Indicators

LED Indicators Drive Power/Activity  
Power

#### Power

Power Source AC Adapter Included  
Input Voltage 110V-240V AC  
Output Voltage 12V DC  
Output Current 3000 mA

#### Environmental



|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 70C (32F to 158F)   |
| Storage Temperature   | -20C to 70C (-4F to 158F) |
| Humidity              | 10% ~ 90% RH              |

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**Physical Characteristics**

|                   |                      |
|-------------------|----------------------|
| Color             | Silver               |
| Material          | Aluminum and Plastic |
| Product Length    | 7.6 in [19.2 cm]     |
| Product Width     | 3.0 in [75 mm]       |
| Product Height    | 4.9 in [12.5 cm]     |
| Weight of Product | 2.8 lb [1.3 kg]      |

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**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Quantity          | 1                 |
| Package Length            | 10.3 in [26.1 cm] |
| Package Width             | 6.0 in [15.2 cm]  |
| Package Height            | 7.3 in [18.6 cm]  |
| Shipping (Package) Weight | 4.0 lb [1.8 kg]   |

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**What's in the Box**

|                     |                               |
|---------------------|-------------------------------|
| Included in Package | Power Adapter Plug (NA/EU/UK) |
|                     | Screw Kit                     |
|                     | Plastic Stand                 |
|                     | Instruction Manual            |
|                     | USB 3.0 Cable                 |
|                     | Dual Drive Enclosure          |
|                     | Universal Power Adapter       |

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

