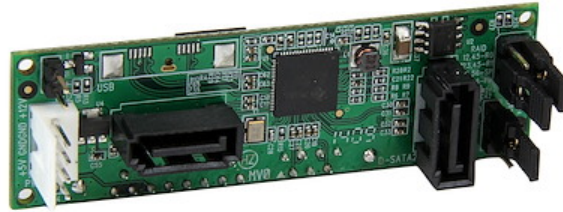


## SATA Dual Hard Drive RAID Adapter - Internal SATA Connector to Dual SATA HDD RAID Controller Card

**Product ID:** S322SAT3R



The S322SAT3R internal drive-mounted SATA RAID adapter lets you connect two SATA hard drives to a single SATA connector on your motherboard, and build a hardware RAID array.

This versatile RAID adapter features a built-in hardware RAID controller, supporting JBOD, BIG, RAID 0, and RAID 1 -- to achieve greater drive capacity, secure data redundancy or improved system performance.

With two included SATA cables you'll have everything you need to ensure a hassle-free installation. This plug-and-play HDD adapter is easy to install, mounting directly to your drive without any additional hardware or software installation.

To maximize performance and utilize the full speed potential of your SATA III hard drives, this HDD RAID controller supports SATA III for transfer speeds up to 6 Gbps when paired with a compatible controller.

The S322SAT3R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility

#### Applications

- Add data redundancy to your computer with a mirrored (RAID 1) RAID array
- Increase the capacity of your computer system by adding an additional HDD in a RAID array (BIG) using the same single SATA connector as your existing drive
- Increase system performance by internally adding a dual drive RAID 0 array to a single SATA connector
- Add additional hard drives in a computer with limited SATA connectors

## Features

- Add dual drive RAID support to a single internal SATA connector
- Hardware RAID supporting RAID 0 / RAID 1 / BIG / JBOD
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Space-saving design, mounts directly to your drive
- No software or drivers required
- 2 SATA cables included for hassle-free installation

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### Hardware

Warranty	2 Years
Interface	SATA
Number of Drives	2
Compatible Drive Types	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	BIG (Spanning or Concatenation) JBOD - (Just a Bunch of Disks) RAID 0 (Striped Disks) RAID 1 (Mirrored Disks)
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM hard drives

Hot Swap Capability	No
General Specifications	For JBOD mode, your SATA controller must support Port Multiplier

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**Connector(s)**

Drive Connectors	SATA (7 pin, Data)
Host Connectors	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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**Environmental**

Operating Temperature	5C - 50C (41C to 122C)
Storage Temperature	-25C - 70C (-13C to 158C)
Humidity	Operating 20 to 80 Non Operating 15% to 90

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**Physical Characteristics**

Product Length	3.0 in [75.0 mm]
Product Width	1.0 in [26.0 mm]
Product Height	0.9 in [23.0 mm]
Weight of Product	0.4 oz [11.8 g]

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**Packaging Information**

Package Length	6.8 in [17.3 cm]
Package Width	5.6 in [14.3 cm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	4.2 oz [120.0 g]

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**What's in the Box**

Included in Package	Internal Drive Mounted Dual SATA Hard Drive RAID Adapter SATA Cables (50cm)
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LP4 to SATA Power Adapter

Installation Guide

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

