

## Dual-Bay 2.5" SATA SSD / HDD Rack for 3.5" Bay - Trayless - RAID

**Product ID:** HSB225S3R



This HDD rack lets you install two 2.5" SATA hard drives or solid-state drives into a single 3.5" front bay. With configurable RAID support, the SATA drive rack provides an ideal data storage solution.

Configure and arrange your drives for increased drive capacity, or add data redundancy, with built-in hardware RAID functionality. The HDD rack offers software and operating system independent operations and with multiple RAID options, such as RAID 0, RAID 1, spanning, or JBOD, you can build the data storage solution that works best for you.

This SATA backplane is trayless and hot-swappable, which makes it easy to install and remove your drives from your computer system when required, without having to open the case every time. It also provides a more convenient way to create backups for data recovery and archiving.

The removable hard-drive bay/backplane features durable aluminum construction for long-lasting performance. The SATA backplane also has LED indicators for power and hard drive activity, and drive status, which makes it easy to monitor the status of your hard drives and RAID array.

The HSB225S3R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Ideal for IT professionals, such as systems integrators and administrators, looking for flexible storage management
- Build your incremental or off-site storage backup plan by connecting hot-swappable drives to your server or desktop computer
- Save time in fast-paced work environments where drives need to be replaced often

## Features

- SATA III (6Gbps) drive interface, compatible with SATA I, II and III
- Increase drive capacity, performance, or data redundancy, with multiple RAID modes: RAID 0, RAID 1, spanning
- Supports up to two 2.5" SATA SSD/HDDs
- Front-mount bay design for installation into any standard 3.5" front bay
- Trayless design, with hot-swappable bays, makes it easy to swap drives in and out of the mobile rack
- Well-built, durable aluminum construction
- LED indicators for power and activity, to easily monitor your hard drives
- 50,000 insertion rating
- Single SATA data and power connection

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### Hardware

Warranty	2 Years
Front Door Key Lock	No
Fan(s)	No
Interface	SATA
Number of Drives	2
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Removable
Number of 2.5 inch bays	2
Supported Drive Height(s)	5mm
	7mm
	9.5mm
Chipset ID	ASMedia - ASM1092R

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### Performance

TRIM Support	Yes
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S.M.A.R.T. Support	Yes
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	Yes
Insertion Rating	50,000

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#### Connector(s)

Drive Connectors	22 pin SATA Data + Power (7 + 15 pin) Receptacle
Host Connectors	LP4 (4 pin, PWM) 7 pin SATA Data Receptacle

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#### Special Notes / Requirements

Note	TRIM and SMART have limited support while in a RAID configuration. A SATA controller with Port Multiplier support is required, in addition to the product configured in JBOD mode, to provide full TRIM and SMART support.
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#### Indicators

LED Indicators	Link/Activity/Error
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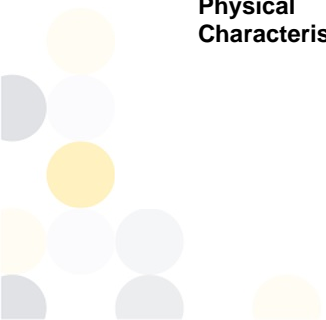
#### Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 55C (-4F to 131F)
Humidity	5% ~ 65%

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#### Physical Characteristics

Color	Black
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Material	Aluminum and Plastic
Max Drive Height	0.4 in [9.5 mm]
Product Length	5.5 in [14.0 cm]
Product Width	4.0 in [10.1 cm]
Product Height	1.0 in [25.0 mm]
Weight of Product	7.8 oz [220.0 g]

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**Packaging Information**

Package Length	7.8 in [19.8 cm]
Package Width	5.9 in [15.0 cm]
Package Height	1.8 in [45.0 mm]
Shipping (Package) Weight	12.2 oz [345.0 g]

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**What's in the Box**

Included in Package	mobile rack
	SATA data cable
	SATA to LP4 adapter
	installation screw kit
	quick-start guide

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

