

Dual-Bay 2.5" to 3.5" SATA Hard Drive Adapter Enclosure with RAID

Product ID: 35SAT225S3R



This unique dual-bay adapter enclosure gives you an easy and cost-effective way to upgrade legacy systems such as desktop PCs and servers, by letting you install two 2.5" solid-state drives or hard drives into a single 3.5" drive bay.

The adapter enclosure lets you install newer, higher performing drives such as SSDs into legacy systems that may only support 3.5" hard drives. The enclosure provides a cost-efficient way for companies and organizations to enhance storage performance and reliability without expensive upgrades to core IT systems. It's also ideal for system administrators and integrators who want to build a system or upgrade a system with limited SATA interfaces to take advantage of the increased drive performance of 2.5" SSDs or increased capacity with support for two drives.

The adapter enclosure allows you to install two 2.5" SATA drives into an internal or external 3.5-inch bay, such as a drive drawer caddy or tray, or 3.5" drive enclosure. To utilize the full speed potential of your SATA III hard drives, the drive converter supports SATA III for transfer speeds up to 6Gbps. Suitable for drives with a height of up to 9.5 mm, virtually any 2.5" SATA drive can be made to look and function like a 3.5" drive.

The adapter enclosure is equipped with hardware RAID to provide improved performance and data redundancy. The enclosure supports both RAID 0 and RAID 1 as well as Spanning, and JBOD, and lets you choose your preferred backup mode by simply adjusting the RAID setting switch.

The RAID 1 functionality is ideal in a hot-swapping server environment, providing a level of security and reliability to your data through data redundancy. With RAID 0 support, you can combine the storage capacity of the two hard drives and achieve faster read and write speeds.

You can install the adapter enclosure into a desktop PC or server. It offers flexible use in hot-swap bays or in a more fixed, permanent installation in a 3.5" hard-drive mounting bay with standard mounting holes. Once installed, you simply slide two 2.5" HDDs/SSDs into the adapter enclosure, with no tools required. The aluminum housing protects installed drives in a durable enclosure.

The 35SAT225S3R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Upgrade legacy systems such as desktop PCs and servers
- Build or upgrade a desktop PC or server to take advantage of the increased performance of two 2.5" HDDs or SSDs in a 3.5" drive bay - ideal for system integrators, IT professionals and prosumers
- Upgrade core IT systems cost-efficiently

Features

- Upgrade your system performance by installing two 2.5" SSDs/HDDS in a 3.5" drive bay
- Features hardware RAID - RAID 0, 1 plus JBOD and spanning to enhance drive performance or add redundancy
- Installs easily into internal or external 3.5" drive bays
- Supports SATA I, II and III (up to 6Gbps)
- TRIM support for stable performance
- Durable aluminum housing

Hardware

Warranty	2 Years
Front Door Key Lock	No
Fan(s)	No
Number of Drives	2
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Removable
Number of internal 3.5 inch bays	1
Supported Drive Height(s)	9.5mm
Chipset ID	ASMedia - ASM1092R

Performance

Maximum Data Transfer Rate	6Gbps
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)

Connector(s)

Drive 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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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	Bay 1 HDD Error Bay 2 HDD Error
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Environmental

Operating Temperature	0C to 55C (32F to 90F)
Storage Temperature	-20C to 55C (-4F to 131F)
Humidity	5% ~ 65%

Physical Characteristics

Color	Silver & Black
Material	Aluminum and Plastic



Product Length	5.7 in [14.6 cm]
Product Width	4.0 in [10.2 cm]
Product Height	1.0 in [26.0 mm]
Weight of Product	7.9 oz [223.0 g]

Packaging Information

Package Length	6.4 in [16.2 cm]
Package Width	4.5 in [11.4 cm]
Package Height	1.4 in [36.0 mm]
Shipping (Package) Weight	9.5 oz [270.0 g]

What's in the Box

Included in Package	dual-bay 2.5" to 3.5" drive converter
	mounting screws
	quick-start guide

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

