

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

StarTech 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.

Upgrade your system performance

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 15 mm, virtually any 2.5" SATA drive can be made to look and function like a 3.5" drive.

Enhanced performance and data redundancy with RAID

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.

Easy and flexible installation

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.

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

Technical Specifications

Warranty	2 Years
Chipset ID	ASMEDIA - ASM1092R
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Drive Size	2.5in
Fan(s)	No
Key Lock	No
Number of Drives	2
Number of internal 3.5 inch bays	1
Supported Drive Height(s)	9.5mm
Maximum Data Transfer Rate	6Gbps
Port Multiplier	No
RAID	Yes
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin)
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Bay 1 HDD Error
LED Indicators	1 - Bay 2 HDD Error
Humidity	5% ~ 65%
Operating Temperature	0°C to 55°C (32°F to 90°F)
Storage Temperature	-20°C to 55°C (-4°F to 131°F)
Color	Silver & Black
Enclosure Type	Aluminum and Plastic
Product Height	1 in [26 mm]
Product Length	5.7 in [146 mm]
Product Weight	8.9 oz [252 g]
Product Width	4 in [102 mm]
Shipping (Package) Weight	8.9 oz [252 g]
Included in Package	1 - dual-bay 2.5" to 3.5" drive converter
Included in Package	4 - mounting screws

Included in Package

1 - quick-start guide

Certifications, Reports and Compatibility

