Hot-Swap Hard Drive Bay for 2.5" SATA SSD / HDD - USB 3.1 (10Gbps) Enclosure

Product ID: S251BU31REM

This hot-swap hard drive bay turns your 2.5" SATA hard drive or solid-state drive into a removable drive that you can use as a regular external USB 3.1 enclosure.

Hot swap your SATA storage

Mount the removable SATA drive bay into any 3.5" or 5.25" front bay, to provide a hot-swappable mobile rack. This makes it easy to install and remove the drive from the computer system without having to open the case every time, and provides a more convenient way to create backups that you can remove for data recovery and archiving.

Make your data portable

If you need access to your data outside of the office, you can use the enclosure portion as a standard USB 3.1 (10Gbps) enclosure -- a powerful external storage solution when you need access to your files while you're on the road.

Simply eject the enclosure from the bay for portable data storage. Its lightweight, compact design makes it easy to tuck into a laptop bag or carrying case. The enclosure includes a Micro-USB to USB-A and a Micro-USB to USB-C cable, so you can plug the enclosure into your laptop and access your data anywhere you go.

Add scalability to your storage

For even more versatility, StarTech.com offers the S251BU31REMD, an extra 2.5" SATA Drive Enclosure for the S251BU31REM, providing multiple enclosures that can be swapped in and out of the main computer.

The S251BU31REM backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Add a hot-swap bay to a server or workstation computer, for a removable data backup solution
- Switch between fast internal storage and portable external storage
- Environments where storage drives need to be replaced and removed regularly

Features

- Hot-swap your 2.5" SSD and HDD drives
- Unique enclosure style design provides the option to use as an internal mobile rack or an external USB 3.1 enclosure
- Access your data offline with a portable USB 3.1 (10Gbps) drive enclosure
- One USB-C to Micro-USB cable and one USB-A to Micro-USB cable included for compatibility with your USB-C and USB-A laptop
- Front-mount drive bay design installs into any standard 3.5" or 5.25" bay
- Push-button drive ejection from the front-mount bay
- High-quality vented metal enclosure provides enhanced heat dissipation
- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0Gbps) drives
- Supports 2.5" form factor SATA hard drives (HDD) and solid-state drives (SSD)

Hardware	Warranty	2 Years
	Bus Type	USB 3.1 Gen 2
	Chipset ID	ASMedia - ASM1351
	Compatible Drive Types	SATA
	Drive Installation	Removable
	Drive Size	2.5in
	Front Door Key Lock	No
	Interface	SATA
		USB 3.1 Gen 2
	Number of Drives	1
	Supported Drive Height(s)	5mm
		7mm
		9.5mm
Performance	4Kn Support	Yes
	Max Drive Capacity	Currently tested with hard drives up to 2TB at 7200 RPM.
	Maximum Data Transfer Rate	10Gbps
	MTBF	100,000 hours
	TRIM Support	Yes
	Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s
		SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - USB 3.1 USB Type Micro-B (10 pin, Gen 2, 10 Gbps) Female
		1 - SATA (7 pin, Data) Plug
		1 - SP4 (4 pin, Small Drive Power) Male
Software	OS Compatibility	OS independent; No software or drivers required
Special Notes / Requirements	Note	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.
	System and Cable Requirements	Available 3.5" or 5.25" front bay
		Available internal SATA data connector
		Available SATA or LP4 Molex internal power connector

Indicators	LED Indicators	1 - Power(Green)
		1 - Activity(Red)
Power	Power Source	USB-Powered
Environmental	Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 65°C (14°F to 149°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum and Plastic
	Max Drive Height	0.4 in [9.5 mm]
	Product Height	1.6 in [4.2 cm]
	Product Length	6.1 in [15.5 cm]
	Product Width	5.7 in [14.6 cm]
	Weight of Product	15 oz [426 g]
Packaging Information	Package Height	3.1 in [79 mm]
	Package Length	9.4 in [23.9 cm]
	Package Width	6.2 in [15.7 cm]
	Shipping (Package) Weight	25.2 oz [715 g]
What's in the Box	Included in Package	1 - 2.5" SATA enclosure
		1 - 3.5" front-panel drive bay
		1 - 3.5" to 5.25" front bay adapter bracket
		1 - SATA data cable
		1 - SATA power cable
		1 - Molex power cable
		1 - USB-C to Micro-B cable
		1 - USB-A to Micro-B cable
		1 - set of drive-mounting hardware
		4 - bay-mounting screws
		4 - bracket-mounting screws
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.