SATA to USB Cable, USB 10Gbps to 2.5in SATA I II III Hard Drive Adapter, External Converter for SSD or HDD Data Transfer

Product ID: USB312SAT3CB



Here's a fast, easy way to access data on a 2.5" solid-state or hard drive. This cable-style adapter lets you connect your laptop or desktop computer directly to a solid-state drive and access it through ultra-fast USB 3.1 Gen. 2 (up to 10 Gbps).

With the adapter cable, you can quickly swap hard drives without having to install your drives into an enclosure. You can copy or retrieve data from a 2.5" SSD/HDD quickly with no additional accessories required. It gives you easy drive access for data migration, drive cloning and data backup applications, with the fast performance of USB 3.1 Gen 2.

USB 3.1 Gen 2 gives you greater bandwidth and speed with rates of up to 10 Gbps - twice the speed of USB 3.0 (USB 3.1 Gen 1) technology. It lets you leverage the high performance of the latest SSDs and hard drives, while alleviating bottlenecks in your data transfers.

This cable-style adapter features a compact, lightweight design that tucks easily into a laptop bag or carrying case. Use it wherever you go to access valuable data quickly - with no external power required.

Note: This product is not compatible with 3.5 in. hard drives. For 3.5 in. drive support, please see our USB312SAT3.

The USB312SAT3CB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Technicians who need a quick, easy way to access data on 2.5” hard drives

• Take advantage of the faster speed of USB 3.1 Gen 2 (10 Gbps)

• Access any 2.5" hard drive or solid-state drive from any USB enabled computer, for data migration or drive cloning

• Back up important data to an external storage device

• Retrieve data from an old SATA drive

Features

• QUICKLY ACCESS A 2.5" SATA SSD OR HDD: Connect to a 2.5in SATA SSD (solid state drive) or HDD (hard disk drive) to add storage, perform backups, create disk images, recover data, and transfer content to your laptop; Not Compatible with 3.5in drives

• COMPATIBILITY: This bus-powered adapter is compatible with 2.5in drives; 3.5in drives require a dedicated power connection; For an adapter that supports 3.5in drives, please see our USB312SAT3

• FAST TRANSFER SPEEDS: The SATA hard drive adapter cable lets users experience enhanced performance and super-fast data transfer speeds with support for USB 10Gbps and UASP

• CONNECT FROM ANYWHERE: The hard drive USB adapter cable is a portable solution that tucks away nicely in a laptop bag with no external power required

• SAVE TIME: The hard drive transfer cable lets you conveniently swap between drives with no need to install the drive inside an enclosure, just plug and play into a USB-A host system; No driver-install required; OS-Independent

General		
	UPC	065030861779
	Package Quantity	1
	Warranty	2 Years
Special Notes / Requirements		
	Special Notes	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.
Power		
	Power Source	USB-Powered
Physical & Environmental		

Color	Black
Material	Plastic
Product Length	20.3 in [51.5 cm]
Product Width	1.8 in [45.0 mm]
Product Height	0.3 in [8.0 mm]
Weight of Product	1.4 oz [39.0 g]
Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-10C to 55C (14F to 131F)
Humidity	40% ~ 50% RH

Performance

Maximum Data Transfer Rate	10 Gbps
Type and Rate	USB 10Gbps
UASP Support	Yes
TRIM Support	Yes
4Kn Support	Yes
RAID	No
Hot Swap Capability	Yes
Max Drive Capacity	Currently tested with hard drives up to 2TB at 7200 RPM
MTBF	1,665,032 hours

Hardware

Interface	USB 3.2 Gen 2
Bus Type	USB 10Gbps
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Chipset ID	ASMedia - ASM235CM

Packaging & In-the-Box		
	Included in Package	1 - USB 3.1 to SATA 2.5" HDD adapter cable
		1 - quick start guide
	Package Width	5.9 in [15.1 cm]
	Package Depth	7.8 in [19.9 cm]
	Package Height	0.9 in [22 mm]
	Shipping (Package) Weight	1.9 oz [54 g]
Connector(s)		
	Host Connector 1 (Quantity)	1
	Host Connector 1	USB-A (10Gbps, 4.5W)
	Connector 1 (Quantity)	1
	Connector 1	SATA (7-Pin + 15-Pin)

Product appearance and specifications are subject to change without notice.