SATA to USB Cable, USB 10Gbps to 2.5in and 3.5in SATA I II III Hard Drive Adapter, External Converter for SSD or HDD Data Transfer

Product ID: USB312SAT3



This SATA to USB cable is an external drive adapter that gives you quick and easy access to a SATA drive through the USB-A port on a USB 10Gbps desktop or laptop.

The USB 10Gbps (also known as USB 3.2 Gen 2) to SATA adapter gives you greater bandwidth and speed with rates of up to 10Gbps. That's twice the speed of USB 5Gbps (also known as USB 3.2 Gen 1 or USB 3.0) and 20x faster than USB 2.0.

You can leverage the high performance of the latest SSDs and HDDs, while alleviating bottlenecks in your data transfers. Plus, you can experience transfer speeds up to 70% faster than conventional USB 10Gbps, when connected to a computer that supports UASP.

The SATA to USB adapter cable lets you swap between drives so that you can copy or retrieve data from an external 2.5" or 3.5" SATA solid-state drive (SSD) or hard drive (HDD). The cable is ideal for IT technicians who need fast access to SATA drives.

It's the perfect solution for:

• Data migrations

• Adding drive space

• Cloning drives

• Creating disk images

• Performing backups and data recoveries

The SATA to USB adapter is a portable solution that includes an integrated cable so you never have to worry about forgetting to bring your cable with you.

You can easily connect to a 2.5" SSD or HDD using USB power. A universal power adapter is also included for connecting to a 3.5" drive, or for connecting to any 2.5" drive that requires additional power. The adapter is plug-and-play and does not require drivers.

Certifications, Reports and Compatibility





Applications

• Quickly access 2.5” and 3.5” SSD and HDD drives from a USB-A laptop or tablet - ideal for IT professionals

• Migrate data or clone a drive

• Back up important data to an external storage device

• Restore your computer from a backup drive

• Retrieve data from your old SATA drives

Features

• QUICKLY ACCESS A SATA SSD OR HDD: Connect to a 2.5in or 3.5in 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

• COMPATIBILITY: USB 10Gbps interface delivers high-speed data access for modern SSDs and HDDs; Supports TRIM, 4Kn, and S.M.A.R.T. features; Note Not compatible with optical drives such as CD, DVD, or Blu-ray readers/writers (ATAPI protocol)

• 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

• UNIVERSAL POWER ADAPTER: You can connect directly to a 2.5in SATA solid-state drive (SSD) or hard drive (HDD) using USB power; The universal power adapter lets you connect to drives requiring additional power such as 3.5in drives

• 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

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General

UPC	065030863797

	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	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.6 A
	Output Voltage	12V DC
	Output Current	2 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption	24
Physical & Environmental		
	Color	Black
	Material	Plastic
	Product Length	3.3 in [85.0 mm]
	Product Width	0.9 in [23.0 mm]
	Product Height	0.7 in [18.0 mm]
	Weight of Product	2.0 oz [57.0 g]
	Operating Temperature	0C to 60C (32F to 140F)
	Storage Temperature	-20C to 80C (-4F to 176F)
	Humidity	0% ~ 80% RH
Performance		
	Maximum Data Transfer Rate	10 Gbps

	Type and Rate	USB 10Gbps
	UASP Support	Yes
	TRIM Support	Yes
	S.M.A.R.T. Support	Yes
	4Kn Support	Yes
	SATA Type and Rate	SATA III (6 Gbps)
	RAID	No
	Hot Swap Capability	Yes
	Max Drive Capacity	Currently tested with hard drives up to 6TB
Hardware		
	Interface	USB 3.2 Gen 2
	Bus Type	USB 10Gbps
	Number of Drives	1
	Drive Size	2.5in & 3.5in
	Compatible Drive Types	SATA
	Chipset ID	ASMedia - ASM235CM
	LED Indicators	1 - Power and Activity
Packaging & In-the-Box		
	Included in Package	1 - USB 3.1 to SATA adapter for 2.5in/3.5in SSD/HDD
		1 - universal power adapter (NA,UK,EU,ANZ) (94mm cable length)
		1 - quick start guide
	Package Width	7.0 in [17.7 cm]
	Package Depth	5.7 in [14.4 cm]
	Package Height	2.0 in [52 mm]
	Shipping (Package)	11.2 oz [318 g]

	Weight	
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.