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Data Sheet

USB 3.1 (10Gbps) Adapter Cable for 2.5”/3.5” SATA Drives - USB-C

Product ID: USB31C2SAT3



This USB-C™ to SATA adapter cable gives you fast and easy access to the data on your 2.5 in./3.5 in. solid-state drives and hard drives. The adapter cable lets you connect your USB-C enabled laptop or desktop computer directly to a SATA drive and access it through ultra-fast USB 3.1 Gen. 2 (up to 10Gbps). It’s the ideal accessory for your Dell™ XPS, MacBook, Chromebook™ or other USB Type-C™ enabled device.

Convenient and versatile drive access

The USB-C to SATA adapter cable lets you quickly swap your drives. You can copy or retrieve data from your 2.5 in. or 3.5 in. SATA drive, with no additional accessories required.

The tool-free adapter cable is ideal for IT technicians who need fast access to SATA drives. It’s the perfect solution for data migration, drive cloning, and data backup or recovery applications, providing the fast performance of USB 3.1 Gen 2. You can also operate multiple adapters at the same time, when you need simultaneous access to many drives.

Harness the speed of USB 3.1 Gen 2

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

Portable and easy to use

The compact, lightweight design of the USB-C to SATA adapter provides easy portability. The adapter features an integrated 1 m cable, so you never have to worry about forgetting to bring your connector cable with you.

You can connect easily to a 2.5 in. solid-state drive or hard drive, using USB power, with no external power required. A universal power adapter is included for use when connecting to your 3.5 in. drives or for any 2.5 in. drives that may require additional power.

The USB31C2SAT3 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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Certifications, Reports and Compatibility











Applications

- Access any SATA 2.5 in. or 3.5 in. SSD/HDD from a USB-C enabled laptop or desktop computer, for easy data migration or drive cloning
- Ideal for technicians who need a quick, easy way to access data on 2.5 in. and 3.5 in. solid-state drives and hard drives
- Back up important data to an external storage device
- Restore your computer from a backup hard drive
- Archive media content such as photos and videos to a bare external drive

Features

- Connect a 2.5”/3.5” SATA drive to your USB-C enabled laptop or desktop computer, for quick access to your external data
- Fast data transfer rates through USB 3.1 Gen 2 (10Gbps)
- Integrated 1 m cable, for convenient use
- Supports SATA I, II, III (up to 6Gbps)
- Thunderbolt 3 USB-C port compatible
- Tool-free design, for easy drive installation
- TRIM support
- 4Kn support
- Supports drive S.M.A.R.T. data pass through for drive monitoring
- UASP support
- Hot-swap and plug-and-play support
- Power/Activity LED indicator
- Backward compatible with USB 3.0 and USB 2.0 computers

	Warranty	2 Years
Hardware	Bus Type	USB 3.1 Gen 2
	Chipset ID	ASMedia - ASM1351
	Compatible Drive Types	SATA
	Drive Installation	Removable
	Drive Size	2.5in & 3.5in
	Interface	USB 3.1 Gen 2
	Number of Drives	1
Performance	4Kn Support	Yes
	Hot Swap Capability	Yes
	Max Drive Capacity	Currently tested with hard drives up to 10TB
	Maximum Data Transfer Rate	10 Gbps
	S.M.A.R.T. Support	Yes
	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 Type-C (24 pin) USB 3.1 (10Gbps) 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.
Indicators	LED Indicators	1 - Power and Activity
Power	Center Tip Polarity	Positive
	Input Current	0.6 A
	Input Voltage	100 - 240 AC
	Output Current	2.0 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	24
	Power Source	AC Adapter Included
Environmental	Humidity	0% ~ 80% RH

	Operating Temperature	0°C to 60°C (32°F to 140°F)
	Storage Temperature	-20°C to 80°C (-4°F to 176°F)
Physical Characteristics	Cable Length	3.3 ft [1 m]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.8 in [2 cm]
	Product Length	3.4 in [87 mm]
	Product Width	1 in [25 mm]
	Weight of Product	2.1 oz [60 g]
Packaging Information	Package Height	2 in [50 mm]
	Package Length	6.7 in [17 cm]
	Package Width	5.5 in [14 cm]
	Shipping (Package) Weight	11.4 oz [324 g]
What's in the Box	Included in Package	1 - adapter cable
		1 - universal power adapter (NA/JP, UK, EU, ANZ)
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.