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.

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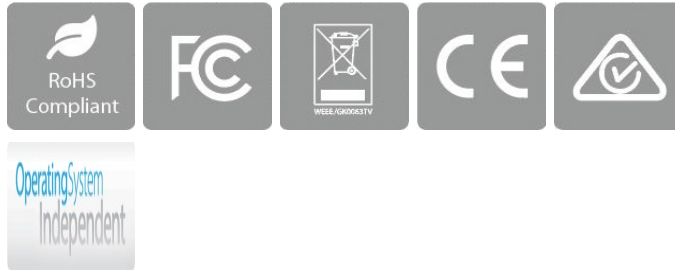
USB 3.1 Gen 2 gives you greater bandwidth and speed, with rates of up to 10Gbps - twice the speed of USB 3.0 (also known as USB 3.1 Gen 1). It lets you leverage the high performance of the latest SSDs and hard drives, while alleviating bottlenecks in your data transfers.

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.

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

• VERSATILE FUNCTIONALITY: This USB-C to SATA adapter is the perfect solution for data migration, drive cloning, and data backup or recovery applications; This laptop hard drive adapter works with 2.5in and 3.5in SATA drives; Compatible w/ Thunderbolt 3 ports

• INCREASED PRODUCTIVITY: USB 3.1 Gen 2 (10 Gbps) host connection enables you to leverage the high performance of the latest SSDs (solid state drives) and HDDs (hard drives); Supports 4Kn sectors, TRIM, and S.M.A.R.T. data transfer

• MAXIMUM PORTABILITY: The compact, lightweight design of the USB-C to SATA adapter provides easy portability; The SATA HDD adapter also features an integrated 3.3ft (1m) cable

• 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

• THE IT PRO'S CHOICE: IT professionals choice for over 30 years, this USB-C to SATA adapter cable is backed for 2 years, including free 24/5 North America based multi-lingual assistance

Hardware

	Warranty	2 Years
	Interface	USB 3.2 Gen 2
	Bus Type	USB 3.2 Gen 2

Number of Drives	1
Drive Size	2.5in & 3.5in
Compatible Drive Types	SATA
Drive Installation	Removable
Chipset ID	ASMedia - ASM235CM

Performance

Maximum Data Transfer Rate	10 Gbps
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
UASP Support	Yes
TRIM Support	Yes
4Kn Support	Yes
S.M.A.R.T. Support	Yes
Type and Rate	SATA III (6 Gbps)
Hardware Raid Supported	No
Max Drive Capacity	Currently tested with hard drives up to 10TB
Hot Swap Capability	Yes

Connector(s)

Drive Connectors	1 - SATA Data & Power Combo (7+15 pin)
Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

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

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.6 A
Output Voltage	12V DC
Output Current	2.0 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	24

Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	-20C to 80C (-4F to 176F)
Humidity	0% ~ 80% RH

Physical Characteristics

Color	Black
Material	Plastic
Cable Length	3.3 ft [1 m]
Product Length	3.4 in [87 mm]
Product Width	1.0 in [2.5 cm]
Product Height	0.8 in [2 cm]
Weight of Product	2.1 oz [60 g]

Packaging Information

Package Quantity	1
Package Length	6.7 in [17 cm]
Package Width	5.7 in [14.6 cm]

	Package Height	2.0 in [5.2 cm]
	Shipping (Package) Weight	10.4 oz [294.0 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.