M.2 SSD Enclosure for M.2 SATA Drives - USB 3.1 (10Gbps) - USB-C

Product ID: SM21BMU31CI3

Add high-performance external data storage to your USB-C laptop, tablet or desktop computer, with this SATA M.2 SSD enclosure. It lets you use your SATA M.2 drive as an ultra-fast external storage solution over a USB 3.1 Gen 2 connection. It's ideal for your MacBook, Dell XPS, Chromebook Pixel or other USB Type-C device.

Truly Portable

The compact M.2 SATA to USB adapter is easily portable and gives you high-speed access to your data, wherever you go. The integrated USB-C cable (6"/15.2 cm), means you're always ready to plug it in, without having to remember to bring along a cable.

Durable Aluminum Design

The sturdy aluminum and plastic enclosure encases your M.2 SATA SSD and features built-in ventilation that improve heat dissipation to help keep your drive at a suitable operating temperature.

Use your M.2 SATA Drive for External Storage

Easily use your M.2 SATA drive as external data storage. This M.2 NGFF SSD enclosure provides a simple connection to your M.2 SATA SSD over USB 3.1 Gen 2. You can transfer files quickly, without bottlenecks, using a SATA M.2 SSD as your external drive.

Broad Compatibility

The enclosure supports common M.2 SATA SSDs and multiple drive lengths, including: 42 mm (2242), 60 mm (2260), and 80 mm (2280). The USB to M.2 SATA enclosure works with USB-C host devices and is also compatible with Thunderbolt 3 USB-C ports.

SM21BMU31CI3 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH
DOWNLOAD DECLARATION

CE

FC

Applications

- Ideal for mobile workers needing high-speed access to external data
- Repurpose an M.2 SATA SSD as a USB 3.1 Gen 2 external drive
- Transfer files faster by using a SATA M.2 SSD as your external drive

Features

- Turn your SATA M.2 SSD into external storage for your USB-C laptop, tablet or desktop computer
- Ultra-fast USB 3.1 Gen 2 data connection for M.2 SATA drives
- Compact solid aluminum design (4x2x1.5" / 11x5x1.4 cm) with ventilation and attached braided cable
- Broad compatibility with the most common M.2 SATA SSDs (B Key / B+M Key) in various lengths (42, 60, 80 mm)
- Not compatible with M.2 NVMe or AHCI PCI Express SSDs

Hardware	Warranty	2 Years
	Chipset ID	JMicron - JMS580
	Drive Size	22mm - M.2 SATA
	Supported Drive Height(s)	2242
		2260
		2280
Performance	General Specifications	Not compatible with M.2 NVMe or AHCI PCI-Express SSDs
	Maximum Data Transfer Rate	6 Gbps
	MTBF	50,000 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 - M.2 (SATA, B-Key, NGFF) 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 & Activity
Power	Power Source	USB-Powered
Environmental	Humidity	20% ~ 80% RH
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Physical Characteristics	Cable Length	5.7 in [145 mm]
	Color	Black
	Enclosure Type	Aluminum
	Product Height	0.6 in [1.4 cm]
	Product Length	2 in [50 mm]
	Product Width	4.3 in [11 cm]
	Weight of Product	3.4 oz [95 g]
Packaging Information	Package Height	1.2 in [30 mm]

	Package Length	3.9 in [98 mm]
	Package Width	6.6 in [16.8 cm]
	Shipping (Package) Weight	0.2 lb [0.1 kg]
What's in the Box	Included in Package	1 - M.2 SATA Enclosure with Integrated USB-C Cable
		1 - Screwdriver
		4 - Assembly Screws
		1 - Set of Drive-Mounting Hardware
		1 - Quick-Start Guide
	Bus Type	USB 3.1 Gen 2
	Compatible Drive Types	M.2 (SATA, B-Key, NGFF)
		M.2 SATA (NGFF, B+M-Key)
	Drive Installation	Fixed
	Interface	USB 3.1 Gen 2
	Number of Drives	1

Product appearance and specifications are subject to change without notice.