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 yourUSB-Claptop, tablet or desktop computer,with this SATAM.2 SSD enclosure. It letsyou use your SATA M.2 driveasan ultra-fastexternalstorage solution overa USB 3.1 Gen 2 connection. It's ideal for your MacBook, Dell XPS, Chromebook Pixel or other USB Type-C device.

The compactM.2 SATAto USBadapteris easily portable andgives you high-speedaccess to yourdata, 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.

Thesturdyaluminum and plasticenclosureencasesyourM.2SATASSD and features built-in ventilation that improve heat dissipation tohelpkeepyour drive at a suitable operating temperature.

EasilyuseyourM.2 SATA driveasexternal data storage.ThisM.2 NGFF SSD enclosure providesa simpleconnection to your M.2 SATA SSD over USB 3.1 Gen 2.You cantransfer files quickly, without bottlenecks, using a SATA M.2 SSD as your external drive.

Theenclosuresupports common M.2 SATA SSDs and multiple drive lengths, including:42mm (2242), 60mm (2260), and 80mm (2280).TheUSB toM.2 SATAenclosure works with USB-C host devices and is also compatible with Thunderbolt 3 USB-Cports.

SM21BMU31CI3is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility

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
	Interface	USB 3.1 Gen 2
	Bus Type	USB 3.1 Gen 2
	Number of Drives	1
	Drive Size	22mm - M.2 SATA
	Compatible Drive Types	M.2 (SATA, B-Key, NGFF)
	Compatible Drive Types	M.2 SATA (NGFF, B+M-Key)
	Drive Installation	Fixed
	Supported Drive Height(s)	2242
		2260
	Supported Drive Height(s)	2280
	Supported Drive Height(s)	JMicron - JMS580
	Chipset ID	
Performance	Maximum Data Transfer Rate	6 Gbps
		USB 3.1 Gen 2 - 10 Gbit/s
	Type and Rate	Yes
	UASP Support	Yes
	TRIM Support	SATA III (6 Gbps)
	Type and Rate	Not compatible with M.2 NVMe or AHCI PCI-Express SSDs
	General Specifications	50,000 hours
	MTBF	
Connector(s)	Drive Connectors	M.2 (SATA, B-Key, NGFF)
	Host Connectors	USB Type-C (24 pin) USB 3.1 (10Gbps)

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	Power & Activity
Power	Power Source	USB-Powered
Environmental	Operating Temperature	5C to 35C (41F to 95F)
	Storage Temperature	-20C to 50C (-4F to 122F)
	Humidity	20% ~ 80% RH
Physical Characteristics	Color	Black
	Material	Aluminum
	Cable Length	6.3 in [1.6 cm]
	Product Length	4.3 in [1.1 cm]
	Product Width	2.0 in [50.000 mm]
	Product Height	0.5 in [13.000 mm]
	Weight of Product	3.7 oz [105.000 g]
Packaging Information	Package Length	6.9 in [1.8 cm]
	Package Width	5.7 in [1.4 cm]
	Package Height	1.2 in [30.000 mm]
	Shipping (Package) Weight	6.6 oz [188.000 g]
What's in the Box	Included in Package	M.2 SATA Enclosure with Integrated USB-C Cable
	Included in Package	Screwdriver
	Included in Package	Assembly Screws
	Included in Package	Set of Drive-Mounting Hardware
	Included in Package	Quick-Start Guide

*Product appearance and specifications are subject to change without notice.