

M.2 NGFF SATA Enclosure - USB 3.1 (10Gbps) with USB-C Cable

StarTech ID: SM21BMU31C3



This compact M.2 SSD enclosure lets you add highly portable data storage to any laptop or computer with a USB-C™ port - such as MacBook, Chromebook Pixel™, Dell™ XPS laptops, and many others. It turns your SATA M.2 drive into a high-speed storage solution over a USB 3.1 Gen 2 connection, at up to 10Gbps throughput.

A truly portable solution

This slim, pocket-sized M.2 NGFF SSD enclosure has been specially designed for mobility, with a small form factor design that fits easily into your laptop bag. Its lightweight yet durable aluminum housing helps to ensure your drive won't be damaged while you're on the move.

Ventilation holes help to dissipate heat and help ensure an optimum operating temperature.



Maximize the performance of your M.2 SSD

Leverage the speed of your M.2 NGFF SATA drive with this external enclosure. It delivers USB 3.1 Gen 2 data transfer speeds up to 10Gbps as well as UASP support, so you can achieve higher transfer speeds when you connect it to a UASP-enabled host computer.

The enclosure works with tablets, laptops and desktop computers and is compatible with hosts equipped with Thunderbolt 3 USB-C ports.

Broad compatibility

The enclosure is compatible with all of the common M.2 SSDs, and enables you to mount multiple drive lengths, including: 30mm (2230), 42mm (2242), 60mm (2260), and 80mm (2280).

The SM21BMU31C3 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Applications

- Mobile professionals can use their M.2 SATA SSD to gain high-speed data access for their USB-C enabled laptop or computer
- Repurpose an M.2 SATA SSD as a USB 3.1 Gen 2 external drive
- Transfer files faster by using a high-performance SATA M.2 SSD as your external drive

Features

- Leverage your SATA M.2 SSD to add fast external storage to your USB-C enabled host (USB-C cable included)
- Supports USB 3.1 Gen 2 (10Gbps)
- Compatible with Thunderbolt 3 USB-C port
- Solid aluminum housing with ventilation for optimum heat dissipation
- Broad compatibility with support for the most common M.2 SATA SSDs (30mm, 42mm, 60mm, 80mm)
- Supports SATA I/II/III (1.5, 3, 6Gbps)

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.1 Gen 2
Chipset ID	ASMedia - ASM1351
Compatible Drive Types (Type and Rate)	M.2 (NGFF; B-Key)
Drive Installation	Fixed
Interface	USB 3.1 Gen 2
Number of Drives	1
General Specifications	Not compatible with PCI-Express M.2 SSDs
Maximum Data Transfer Rate	10 Gbps
MTBF	1,000,000 hours
Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Drive Connectors	1 - M.2 (NGFF; B-Key) Receptacle
Host Connectors	1 - USB 3.1 USB Type Micro-B (10 pin; Gen 2; 10 Gbps) Female
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Power & Activity
Power Source	USB-Powered
Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 65°C (14°F to 149°F)
Color	Black & Silver
Enclosure Type	Aluminum
Max Drive Height	3.1 in [80 mm]
Product Height	0.5 in [13 mm]
Product Length	3.9 in [99 mm]
Product Weight	1.7 oz [48 g]
Product Width	1.7 in [42 mm]
Shipping (Package) Weight	4.7 oz [132 g]
Included in Package	1 - M.2 NGFF SATA Enclosure - USB 3.1
Included in Package	1 - USB C to Micro B cable
Included in Package	1 - M.2 screw kit
Included in Package	1 - screwdriver

Included in Package

1 - quick install guide

Certifications, Reports and Compatibility

