

StarTech.com USB-C 10Gbps to M.2 NVMe or M.2 SATA SSD Enclosure, External M.2 PCIe/SATA NGFF SSD Enclosure, Portable Aluminum Case, USB Type-C & USB-A Host Cables, For 2230/2242/2260/2280 - Works w/ Thunderbolt 3 (SM2E1BMU31C) - storage enclosure - M.2 Card - USB 3.2 (Gen 2) - TAA Compliant(SM2E1BMU31C)

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Turn your PCIe M.2 NVMe or SATA AHCI M.2 SSD into a highly portable, USB-based external storage solution. This enclosure features USB 3.2 Gen 2x1 (10 Gbps) with UASP support and PCIe 3.0 delivering real read/write data transfer speeds up to 1GB per second. Working with both PCIe and SATA based drives, this enclosure ensures compatibility with virtually any M.2 drive, supporting both M-Key (PCIe) and B+M-Key (SATA) drives sized 2230/2242/2260/2280.

Key Selling Points

- Create a portable, high-performance storage solution
- Access your NVMe or SATA drive externally with ultra-fast transfer speeds
- Superior speeds are ideal for data-migration related tasks

Product Features

- All-in-one M.2 and USB solution**
With compatibility for both PCIe NVMe and SATA based M.2 drives, this enclosure solves the common challenge of identifying which enclosure is compatible with your M.2 drive. Regardless of whether your M.2 drive is SATA- or PCIe NVMe -based, you can rest assured that this enclosure will provide a high-performance solution for turning your M.2 drive into a portable external enclosure.
- Unparalleled performance**
Leverage the high speeds of your M.2 NVMe or SATA drive, with this external SSD enclosure. It delivers USB 3.2 Gen 2x1 maximum theoretical throughput of 10 Gbps, which is twice the throughput of USB 3.2 Gen 1x1 at 5 Gbps. The enclosure also supports PCIe 3.0 which when combined with an M.2 NVMe drive takes full advantage of the throughput available to USB 3.2 Gen 2x1. This fanless aluminum enclosure features ventilation holes for maximum heat dissipation, ensuring your drive operates noiselessly at an optimal temperature to preserve performance and protect your drive from overheating damage.
- Durable and portable**
This slim, pocket-sized enclosure for PCIe NVMe- or SATA-based M.2 drives is specially designed for mobility, with a small form factor design that fits easily into your laptop bag. Its lightweight, yet durable aluminum housing helps ensure your drive won't be damaged while you're on the move.

Main Specifications

Product Description	StarTech.com USB-C 10Gbps to M.2 NVMe or M.2 SATA SSD Enclosure, External M.2 PCIe/SATA NGFF SSD Enclosure, Portable Aluminum Case, USB Type-C & USB-A Host Cables, For 2230/2242/2260/2280 - Works w/ Thunderbolt 3 (SM2E1BMU31C) - storage enclosure - M.2 Card - USB 3.2 (Gen 2) - TAA Compliant
Device Type	Storage enclosure - external
Bus Type	USB 3.2 (Gen 2)
Colour	Black
Expansion Bays	1 x internal - M.2 2230/2242/2260/2280
Hard Drive Form Factor Compatibility	M.2
Interface	M.2 Card
Data Transfer Rate	10 Gbit/s

Max Storage Devices Qty	1
Product Material	Plastic, aluminium
TAA Compliant	Yes
Dimensions (WxDxH)	12.8 cm x 4 cm x 1.4 cm
Weight	81.6 g
Manufacturer Warranty	2-year warranty

Extended Specification

General

Device Type	Storage enclosure - external
Hard Drive Form Factor Compatibility	M.2
Host Bus	USB 3.2 (Gen 2)
Product Material	Plastic, aluminium
Colour	Black

Expansion / Connectivity

Bays	1 x internal - M.2 2230/2242/2260/2280
Interfaces	1 x PCIe 3.0 - NGFF B + M key
Connections	1 x USB 3.2 (Gen 2) - 24 pin USB-C

Manufacturer Warranty

Service & Support	Limited warranty - 2 years
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Miscellaneous

Included Accessories	Screwdriver
Features	USB powered, UASP transfer protocol, TRIM support, 4Kn drive compatible
MTBF	112,000 hours
Compliant Standards	FCC, RoHS, WEEE, REACH, RCM

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90%

Storage Controller

Interface	M.2 Card
Data Transfer Rate	10 Gbit/s
Supported Devices	Solid state drive
Max Storage Devices Qty	1
Processor	Realtek Semiconductor RTL9210B

Dimensions & Weight

Width	12.8 cm
Depth	4 cm
Height	1.4 cm
Weight	81.6 g

Dimensions & Weight (Shipping)

Shipping Width	15.4 cm
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Shipping Depth	10.6 cm
Shipping Height	3.5 cm
Shipping Weight	193.4 g

Environmental Standards

TAA Compliant	Yes
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