

# M.2 NVMe SSD Enclosure for PCIe SSDs - USB 3.1 Gen 2 Type-C

Product ID: M2E1BMU31C



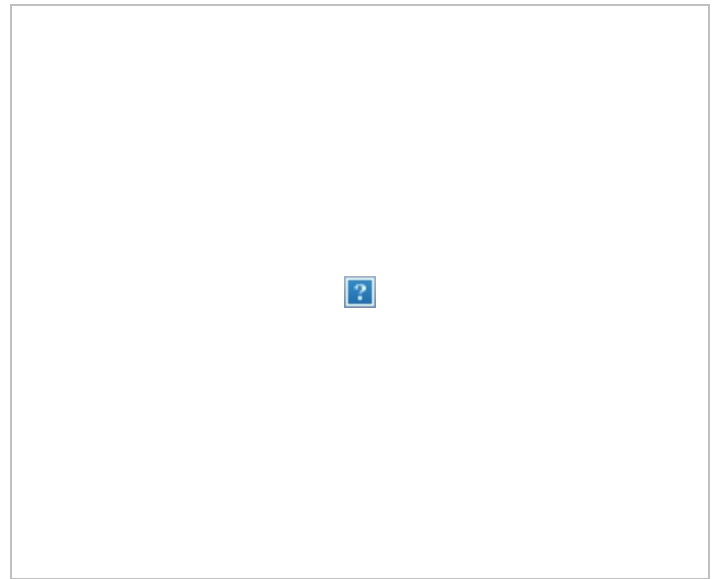
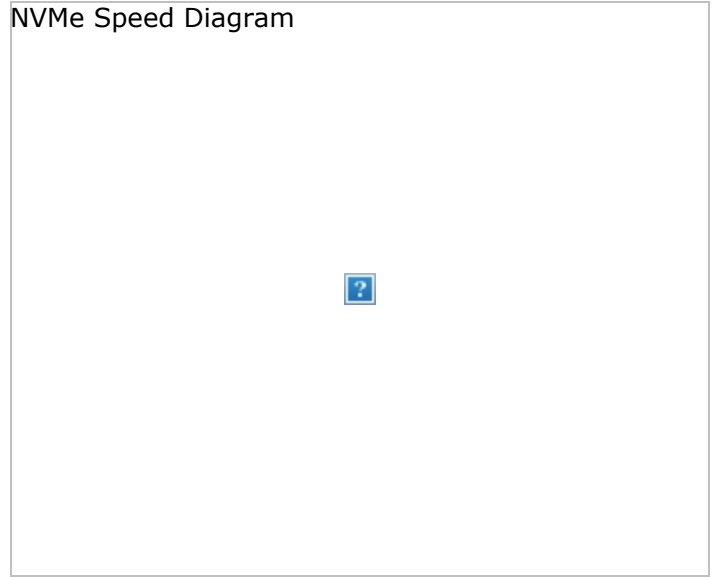
This compact M.2 NVMe SSD Enclosure for PCIe SSDs is a highly portable, high-performance data storage solution for your USB-C or Thunderbolt 3 enabled devices.

## Unparalleled Performance

Leverage the high speeds of your M.2 NVMe drive, with this external SSD enclosure. It delivers USB 3.1 Gen 2 read/write speeds up to 10Gbps, which is nearly twice the capability of traditional M.2 SATA enclosures and USB 3.1 Gen 1. NVMe allows users to take full advantage of the throughput available to USB 3.1 Gen 2, which would not be possible with a SATA drive.

This enclosure also features ventilation holes to help dissipate heat, ensuring an optimal operating temperature and helping to preserve performance.

NVMe Speed Diagram



### Truly Portable

This slim, pocket-sized enclosure for PCIe based NVMe 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 to ensure your drive won't be damaged while you're on the move.

M2E1BMU31C Dimensions



### Broad Compatibility

The M.2 NVMe enclosure works with tablets, laptops, desktop computers and hosts that are equipped with USB Type-C and Thunderbolt 3 ports. It's also backward compatible with USB 3.1 Gen 1, making it a convenient solution for the office or other workplace environments.

Additionally, the enclosure supports plug-and-play installation, making it the perfect accessory for professionals on the go.

M2E1BMU31C is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Create a portable, high-performance storage solution
- Access your NVMe drive externally with ultra-fast transfer speeds
- Superior speeds are ideal for data-migration related tasks
- Ideal for professionals who require high-speed data access
- Perfect for data recovery, backup or repair

### Features

- Turn your M.2 NVMe drive into an ultra-fast, ultra-portable storage solution for your USB-C or Thunderbolt 3 devices
- Features a solid aluminum housing designed with ventilation holes for optimal heat dissipation
- Experience an extremely fast performance with support for USB 3.1 Gen 2 and PCI Express 3.0
- Maximize portability with a small footprint, lightweight design and USB-powered performance
- Backward compatible with USB 3.1 Gen 1

<b>Hardware</b>	Warranty	2 Years
	Bus Type	USB 3.1 Gen 2
	Chipset ID	ASMedia - ASM2362
	Compatible Drive Types	M.2 (PCIe, NVMe, M-Key, NGFF)
	Drive Installation	Fixed
	Drive Size	22 mm - M.2 NVMe
	Interface	USB 3.1 Gen 2
	Number of Drives	1
	Supported Drive Height(s)	2230 2242 2260 2280
<b>Performance</b>	4Kn Support	Yes
	General Specifications	Not compatible with M.2 SATA or AHCI based SSDs
	Maximum Data Transfer Rate	10 Gbps
	MTBF	233,398 Hours
	TRIM Support	Yes
	Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s NVMe (PCIe Gen 3)
	UASP Support	Yes
<b>Connector(s)</b>	Host Connectors	1 - M.2 (PCIe, M-Key, NVMe, NGFF) 1 - USB 3.1 USB Type C (10 pin, Gen 2, 10 Gbps) Female
<b>Software</b>	OS Compatibility	OS independent; No software or drivers required
<b>Special Notes / Requirements</b>	<b>Note</b>	Windows 7 and earlier Windows versions do not support TRIM with USB storage devices.
<b>Indicators</b>	LED Indicators	1 - Power & Activity
<b>Power</b>	Power Source	USB-Powered
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Color	Black

	Material	Aluminum and Plastic
	Product Height	0.5 in [1.3 cm]
	Product Length	4.3 in [10.8 cm]
	Product Width	1.6 in [40 mm]
	Weight of Product	2.3 oz [65 g]
<b>Packaging Information</b>	Package Height	1.4 in [35 mm]
	Package Length	6.1 in [15.4 cm]
	Package Width	4.2 in [10.6 cm]
	Shipping (Package) Weight	0.3 lb [0.2 kg]
<b>What's in the Box</b>	Included in Package	1 - Drive Enclosure
		1 - Set of M.2 Mounting Hardware (Installed)
		1 - Screwdriver
		1 - USB-C to USB-C Cable (50 cm)
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.