

USB-C 10Gbps to M.2 NVMe SSD Enclosure - Portable External M.2 NGFF PCIe Aluminum Case - 1GB/s Read/Write - Supports 2230, 2242, 2260, 2280 - TB3 Compatible - Mac & PC

Product ID: M2E1BMU31C



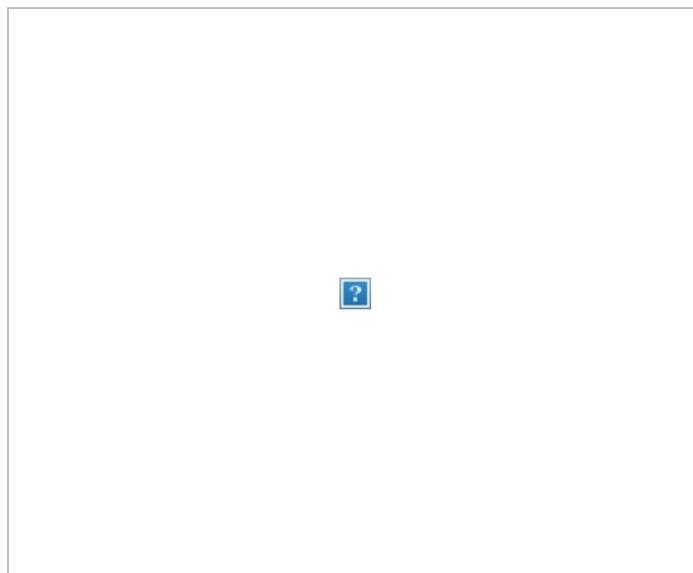
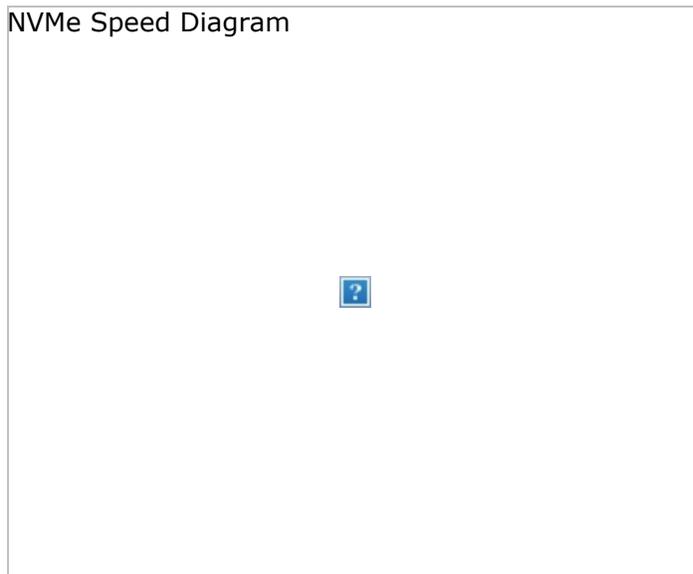
This compact M.2 NVMe SSD Enclosure for PCIe SSDs is a highly portable, high-performance data storage solution for your USB-C or Thunderbolt 3 enabled devices.

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

- **HIGH PERFORMANCE M.2 NVMe STORAGE:** USB-C storage for your PCIe M.2 SSD. This enclosure features USB 3.1 Gen 2 (10Gbps) with UASP support & PCIe 3.0 for read/write data transfer speeds up to 1GB/s.
- **DURABLE & PORTABLE:** Aluminum housing protects the M.2 NGFF SSD and features ventilation holes for heat dissipation to ensure consistency at all performance levels. Ideal for data backup and recovery.
- **BROAD DRIVE COMPATIBILITY:** Compatible with M-Key PCI Express drives sized 2230/2242/2260/2280 including Samsung 950/960/970, Kingston, Seagate, Western Digital (WD), HP, and Intel SSD drives.
- **BROAD HOST COMPATIBILITY:** USB-C cable included for compatibility with any USB Type-C (USB 3.1 Gen 2 & USB 3.0) or Thunderbolt 3 (TB3) device. OS Support includes Windows, Mac, Chrome, Linux, & Ubuntu.
- **EASY INSTALLATION:** The external M.2 NVMe SSD enclosure case supports driverless plug-and-play installation and hassle free drive installation with the small screwdriver you'll need included.

Hardware	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
Performance	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
Connector(s)	Host Connectors	1 - M.2 (PCIe, M-Key, NVMe, NGFF) 1 - USB 3.1 USB Type C (10 pin, Gen 2, 10 Gbps) Female
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 storage devices.
Indicators	LED Indicators	1 - Power & Activity
Power	Power Source	USB-Powered
Environmental	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)
Physical Characteristics	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]
Packaging Information	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]
What's in the Box	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.