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.

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

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.

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

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

	Enclosure Type	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.