

USB-C 10Gbps M.2 NVMe PCIe SSD Enclosure - Rugged Aluminum External M.2 PCIe M-Key Case IP67 Rated - 1GB/s Read/Write - Supports 2230/2242/2260/2280 - TB3 Compatible - Mac/PC

Product ID: M2E1BRU31C



This rugged M.2 NVMe PCIe SSD enclosure 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, nearly twice the capability of traditional M.2 SATA and hard drive enclosures.

This fan-less solid aluminum enclosure features an internal thermal pad that transfers heat away from the drive for maximum heat dissipation, ensuring your drive operates noiselessly at an optimal temperature to preserve performance.

Dustproof and Water Resistant

Be prepared for the unexpected. The enclosure for PCI Express based NVMe SSDs comes with an IP67 rating, which means that it's both dustproof and water resistant.

It's the perfect solution for people who work outside. Or, for people who work in environments with a lot of dust, like: construction sites, factories, or manufacturing facilities.

Broad Compatibility

The USB 3.1 Gen 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 environments.

The Choice of IT Pros Since 1985

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

M2E1BRU31C is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Access your NVMe drive externally with ultra-fast transfer speeds
- Superior speeds are ideal for data-migration related tasks
- Ideal for professionals who work in environments with a lot of dust, like: construction sites, factories, or manufacturing facilities.
- Create a portable, high-performance storage solution perfect for data recovery, backup or repair

Features

- **HIGH PERFORMANCE M.2 NVMe STORAGE:** External USB-C housing for your PCIe M.2 SSD (Solid State Drive); features USB 3.1 Gen 2 (10Gbps), UASP & PCIe 3.0 for read/write data transfer speeds up to 1GB/s
- **PORTABLE & RUGGED:** Solid aluminum housing w/ internal thermal pad for heat dissipation transfers heat away from drive; IP67 rated 100% dustproof/water resistant & MIL-STD-810G drop test certified
- **BROAD DRIVE COMPATIBILITY:** Compatible with M.2 NGFF 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:** 50cm USB-C cable incl. for compatibility w/ 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 INSTALL:** USB 3.2 Gen 2x1 M.2 NVMe PCIe SSD Enclosure adapter w/ rubber feet offers firm grip, protects surfaces from scratches & raises the case for air flow; mounting hardware & screwdriver incl

Hardware	Warranty	2 Years
	Bus Type	USB 3.2 Gen 2 10Gbps
	Chipset ID	JMicron - JMS583
	Compatible Drive Types	M.2 (PCIe, NVMe, M-Key, NGFF)
	Drive Installation	Fixed
	Drive Size	22 mm - M.2 NVMe
	Interface	USB 3.2 Gen 2 10Gbps
	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	50,000 Hours
	S.M.A.R.T. Support	No
	TRIM Support	Yes
	Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s NVMe (PCIe Gen 3)
UASP Support	Yes	
Connector(s)	Drive Connectors	1 - M.2 (PCIe, M-Key, AHCI/NVMe, NGFF) Female
	Host Connectors	1 - USB Type-C (24pin, Gen 2, 10Gbps) 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 and UAS with USB storage devices.
Indicators	LED Indicators	1 - Power / Blinking: Read & Write Activity
Power	Power Source	Bus Powered
Environmental	Humidity	Humidity: 20% ~ 80% RH
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	-20°C to 50°C (-4°F to 122°F)

Physical Characteristics	Cable Length	2 in [5.2 cm]
	Color	Black
	Material	Aluminum
	Product Height	14.000
	Product Length	45.000
	Product Width	105.000
	Weight of Product	164.000
Packaging Information	Package Height	32.000
	Package Length	175.000
	Package Width	144.000
	Shipping (Package) Weight	256.000
What's in the Box	Included in Package	1 - NVMe Enclosure
		1 - USB-C Cable
		1 - Additional Drive Mounting Stand-off
		1 - Torx Screw Driver
		1 - Rubber Feet
		1 - Quick Start Guide

Product appearance and specifications are subject to change without notice.