

# M.2 NVMe PCIe SSD Enclosure - IP67 - USB 3.1 Gen 2 10Gbps

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

- Turn your M.2 NVMe drive into an ultra-fast, ultra-portable storage solution for your USB-C or Thunderbolt 3 devices
- Rugged aluminum enclosure designed with IP67 water/dust resistance
- 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 3.2 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
<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	50000
	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	
<b>Connector(s)</b>	Drive Connectors	1 - M.2 (PCIe, M-Key, AHCI/NVMe, NGFF) Female
	Host Connectors	1 - USB Type-C (24pin, Gen 2, 10Gbps) 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 and UAS with USB storage devices.
<b>Indicators</b>	LED Indicators	1 - Power / Blinking: Read & Write Activity
<b>Power</b>	Power Source	Bus Powered
<b>Environmental</b>	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)

<b>Physical Characteristics</b>	Cable Length	2 in [5 cm]
	Color	Black
	Material	Aluminum
	Product Height	14.000
	Product Length	45.000
	Product Width	105.000
	Weight of Product	100.000
<b>Packaging Information</b>	Package Height	30.000
	Package Length	170.000
	Package Width	140.000
	Shipping (Package) Weight	220.000
<b>What's in the Box</b>	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.