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.

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.
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
### 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**: 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

### 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**: 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)
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Product appearance and specifications are subject to change without notice.