

## USB-C to M.2 NVMe SSD (M-Key) Enclosure Adapter - USB 3.1 Gen 2 (10 Gbps), Thunderbolt 3, UASP

MODEL NUMBER: U457-1M2-NVMEG2



Creates portable external storage for an M.2 NVMe drive via the USB-C or Thunderbolt 3 port on your tablet, MacBook or Chromebook.

### Features

#### Connect a High-Performance NVMe Drive to Your Computer's USB-C or Thunderbolt 3 Port

When the hard drive on your laptop is not large enough to hold all your photos, videos, music and documents, Tripp Lite's U457-1M2-NVMEG2 is the solution to help get the storage space you need and retrieve data stashed on NVMe drives. This dependable enclosure adapter allows you to connect an M.2 NGFF NVMe solid state drive (M-Key) to any device with a USB-C or Thunderbolt 3 port, including a MacBook, Ultrabook or Chromebook.

#### Transfers Data at Lightning-Fast USB 3.1 Gen 2 Speeds with UASP Support

This adapter supports USB 3.1 Gen 2 data transfer rates up to 10 Gbps, which is twice the speed of USB 3.1 Gen 1, to give you more data storage, retrieval and backup capacity. It reads data up to 70 percent faster and writes up to 40 percent faster when connected to a UASP-enabled host controller. The enclosure is backward compatible with previous USB generations, allowing you to use it with older equipment.

#### Reversible USB-C Connector Attaches in Either Direction

Unlike traditional USB cables that connect in only one direction, the reversible USB-C male connector plugs into a USB-C or Thunderbolt 3 port in either direction for a fumble-free connection every time.

#### Just Plug and Play for Immediate Use Right Out of the Package

No software, drivers or external power supply is required. The U457-1M2-NVMEG2 is compatible with all USB-enabled operating systems, including Windows, Mac and Linux. Its slim aluminum case fits easily into your laptop bag, backpack or briefcase so you can take it with you wherever you go.

### Highlights

- Connects a 2230, 2242, 2260 or 2280 M.2 NVMe SSD drive to your computer
- Supports USB 3.1 Gen 2 speeds up to 10 Gbps to ensure lightning-fast data transfers
- Works up to 70% faster when connected to UASP host controller
- Reversible USB-C plug connects in either direction for immediate no-fuss use
- Plug-and-play operation with no software required for easy, immediate installation

### Applications

- Create a portable solution for on-the-go file backups and data storage
- Retrieve data from an M.2 NVMe drives
- Utilize UASP for high-speed read/write

### System Requirements

- Device with a USB-C or Thunderbolt 3 port (USB 3.1 Gen 2 compatibility required to achieve USB 3.1 Gen 2 speeds)
- M.2 (NGFF) PCIe NVMe SDD drive with M-Key connector (not compatible with B-Key/M+B-Key SATA SSD or M-Key M.2 PCIe-AHCI SSD)
- UASP-enabled host controller required to achieve UASP performance



- Compatible with all USB-enabled operating systems

#### Package Includes

- U457-1M2-NVMEG2 USB-C to M.2 NVMe SSD Enclosure Adapter
- USB 3.1 Gen 2 Type-C cable (M/M), 2 ft.
- Mini screwdriver
- Mounting hardware
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332247919
Drives Supported	PCIe M.2 NVMe M-Key SSD
INPUT	
Bus Powered	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Data/Power)
PHYSICAL	
Color	Black
Material of Construction	Metal
Unit Dimensions (hwd / in.)	0.57 x 4.11 x 1.43
Unit Packaging Type	Box
Unit Weight (kg)	0.07
Unit Weight (lbs.)	0.164
ENVIRONMENTAL	
Operating Temperature Range	50 to 122°F (10 to 50°C)
Storage Temperature Range	32 to 149°F (0 to 65°C)
Relative Humidity	10% to 80% RH, Non-Condensing



<b>CONNECTIONS</b>	
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	M.2 NGFF NVMe (M-KEY)
Connector Plating	Nickel
<b>FEATURES &amp; SPECIFICATIONS</b>	
USB Specification	USB 3.1 Gen 2 (up to 10 Gbps)
Driver Required	No
UASP Support	Yes
Technology	PCIe
Thunderbolt Specification	Thunderbolt 3 (up to 20Gbps long or passive cables)
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>