1000 Eaton Boulevard
Cleveland, OH 44122
United States

USB-C to M.2 NVMe and SATA SSD (M-Key) Gaming Enclosure Adapter - USB 3.2 Gen 2 (10 Gbps), LEDs

MODEL NUMBER: **U457-1M2-NVME-L**








Lets you read, write or transfer data between a portable M.2 NVMe or SATA SSD and your computer's USB-C or Thunderbolt 3 port. Ideal for storing a video game library.

Features

Connect a High-Performance External Drive to Your Computer's USB-C or Thunderbolt 3 Port
When the hard drive on your computer is not large enough to hold your entire video game library, the U457-1M2-NVME-L helps you add external storage and access files stashed on NVMe drives. This dependable gaming enclosure adapter allows you to connect an M.2 NVMe (non-volatile memory express) or SATA SSD (solid state drive) to your computer's USB-C or Thunderbolt 3 port.

Transfers Data at Fast USB 3.2 Gen 2 Speeds with UASP Support
This adapter supports USB 3.2 Gen 2 data transfer rates up to 10 Gbps to give you faster 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 (USB Attached SCSI Protocol) host controller. The enclosure is backward compatible with previous USB generations, allowing you to use it with older equipment. It works with Windows, macOS and Linux operating systems.

Ideal for Static Gaming Computer Installations or Gaming on the Go
Storing, managing and accessing your video game library on external NVMe or SSD allows for more flexibility, smoother operation and less time spent on loading screens than traditional internal HDD (hard disk drive). Alternating RGB (red/green/blue) LED lighting fits the popular modern gaming aesthetic seen on mice, keyboards, computer towers and other aspects of computer gaming installations. The slim aluminum case fits easily into your laptop bag or backpack so you can take it with you wherever you go.

Compatible with a Variety of M.2 NVMe or SATA SSD Hard Drives
The U457-1M2-NVME-L is compatible with a wide range of external storage drives and sizes, including 2230, 2242, 2260 and 2280 SSD. It is compatible with M-Key, B+M Key (SATA) and B+M Key (NVMe) SSD types. A blue LED on the front panel indicates data is transferring properly.

Just Plug and Play with No Software or Power Supply Required
The enclosure works right out of the box. Simply open the enclosure with the included mini screwdriver, insert your M.2 NVME or SATA SSD drive (not included), and plug the enclosure into the host computer's USB-C or Thunderbolt 3 port with the included USB-C cable. Bright LEDs illuminate as soon as the device is connected. No software, drivers or external power supply is required.

Highlights

- Accepts M.2 NVMe or SSD hard drive sizes of 2230, 2242, 2260 and 2280
- Supports USB 3.2 Gen 2 speeds up to 10 Gbps to ensure lightning-fast data transfers
- Vibrant LEDs enhance your computer gaming installation with colorful atmosphere
- UASP compatible for up to 70% faster read and 40% faster write performance
- Plug-and-play operation with no software required for easy installation

System Requirements

- Device with a USB-C or Thunderbolt 3 port (USB 3.2 Gen 2 compatibility required to achieve USB 3.2 Gen 2 speeds)
- M.2 NVMe or SATA SSD up to 2230, 2242, 2260 or 2280 size
- UASP-enabled host controller required to achieve UASP performance
- Compatible with Windows, macOS and Linux

Package Includes

- U457-1M2-NVME-L USB-C to M.2 NVMe and SATA SSD Gaming Enclosure Adapter
- USB 3.2 Gen 2 Type-C cable (M/M), 1.5 ft. (0.5 m)
- Mini screwdriver
- Silica gel plug
- Heat-dissipating silicone pad
- Mounting hardware
- Owner's manual

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Specifications

OVERVIEW	
UPC Code	037332274847
Product Type	USB-C Hard Drive Enclosure
Drives Supported	M-Key or B+M Key NVMe or SATA SSD Sizes: 2230, 2242, 2260, 2280
Technology	Thunderbolt; USB 3.x
Host Connector	USB C (FEMALE)
INPUT	
Bus Powered	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power/Data = Blue (x1); Decorative LED Panel = RGB Alternating
PHYSICAL	
Color	Black
Material of Construction	Aluminum
Unit Dimensions (hwd / in.)	0.780 x 4.380 x 1.540
Unit Dimensions (hwd / cm)	1.99 x 11.12 x 3.9
Unit Packaging Type	Box
Unit Weight (lbs.)	0.05
Unit Weight (kg)	0.02
ENVIRONMENTAL	
Operating Temperature Range	50 to 158F (10 to 70C)
Storage Temperature Range	32 to 149F (0 to 65C)
Relative Humidity	10 to 80% RH
CONNECTIONS	
Number of Ports	1
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	22 PIN SATA + POWER (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	

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Data Transfer Rate	10 Gbps
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
Driver Required	No
UASP Support	Yes
Auto MDIX Support	No
Full Duplex Support	No
Suspend Mode Support	No
Remote Wakeup Support	No
LED Lights	Yes
LED Control	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; WEEE; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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