ComX Computers
Product Specification Sheet

U457-1M2-NVMEG2

Eaton USB-C to M.2 NVMe SSD (M-Key) Enclosure Adapter

Product Overview

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



Specifications

Overview:

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:

- 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

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, the 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.

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

Specifications:

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Specifications	
Product Code	U457-1M2-NVMEG2
OVERVIEW	
UPC Code	37332247919
Drives Supported	PCIe M.2 NVMe M-Key SSD
Technology	PCIe
INPUT	
Bus Powered	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Data/Power)
PHYSICAL	
Color	Black
Material of Construction	Metal
Unit Dimensions (hwd / in.)	0.570 x 4.110 x 1.430
Unit Packaging Type	Box
Unit Weight (lbs.)	0.164
ENVIRONMENTAL	
Operating Temperature Range	50 degrees to 122 degreesF (10 degrees to 50 degreesC)
Storage Temperature Range	32 degrees to 149 degreesF (0 degrees to 65 degreesC)
Relative Humidity	10% to 80% RH, Non-Condensing
CONNECTIONS	
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	M.2 NGFF NVMe (M-KEY)
Connector Plating	Nickel

FEATURES & SPECIFICATIONS	
USB Specification	USB 3.1 Gen 2 (up to 10 Gbps)
UASP Support	Yes
Thunderbolt Specification	Thunderbolt 3 (up to 20Gbps long or passive cables)
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/U457-1M2-NVMEG2-Eaton-USB-C-to-M-2-NVMe-SSD-M-Key-Enclosure-Adapter-p-281466.php

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