USB 3.1 Gen 2 (10 Gbps) USB-C to M.2 NGFF SATA SSD (B-Key) Enclosure Adapter with UASP Support, Thunderbolt™ 3 Compatible

MODEL NUMBER: **U457-1M2-SATAG2**

Durable lightweight enclosure connects an M.2 NGFF drive to your computer's USB-C or Thunderbolt™ 3 port and performs fast file transfers at USB 3.1 Gen 2 speeds. UASP-enabled for 70% more speed with UASP host controller.

Description

The U457-1M2-SATAG2 USB 3.1 Gen 2 USB-C to M.2 NGFF SATA SSD (B-Key) Enclosure Adapter lets you connect a high-performance M.2 NGFF SATA SSD (B-Key) drive to a computer or laptop with a USB-C or Thunderbolt™ 3 port. Not only does it support USB 3.1 Gen 2 data transfer rates up to 10 Gbps, but it reads data up to 70 percent faster and writes up to 40 percent faster when connected to a UASP-enabled host controller.

To share data, just remove the adapter's cover using the included screwdriver, connect the drive to the M.2 NGFF connector, secure it with the included screws, put the cover back, and connect the adapter to your computer's USB-C or Thunderbolt™ 3 port using the included cable. The U457-1M2-SATAG2 supports 2230, 2242, 2260 and 2280 M.2 SATA SSD drive types.

The adapter is plug-and-play, so no software, drivers or external power supply is required, and backward compatible with previous USB generations. A blue LED indicates data is being read, written or transferred. Slim aluminum case tucks conveniently into backpack or laptop bag for use anywhere.

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Features

Use an M.2 NGFF SSD as a Pocket-Sized USB Device
- Access an M.2 NGFF SATA SSD (B-Key) drive with a computer or laptop's USB-C or Thunderbolt™ 3 port

- Compatible with 2230, 2242, 2260 and 2280 M.2 drive types

- Supports USB 3.1 Gen 2 data transfer rates up to 10 Gbps

- Features UASP for performance up to 70% faster when connected to UASP-enabled host controller

- Blue LED indicates data is being read, written or transferred

Built for Portable Use
- Plug and play—no software, drivers or external power supply needed

- Durable slim aluminum case perfectly sized for backpack or laptop bag

Highlights

- Compatible with 2230, 2242, 2260 and 2280 M.2 drive types
- Supports USB 3.1 Gen 2 data transfer rates up to 10 Gbps
- Works up to 70% faster when connected to UASP host controller
- Durable slim design perfectly sized for backpack or laptop bag
- Plug-and-play—no software, drivers or external power supply

System Requirements

- Computer with USB-C or Thunderbolt™ 3 port (USB 3.1 Gen 2 10 Gbps port required for maximum speed)
- M.2 NGFF SATA drive with B-Key or B+M Key connector (not compatible with M.2 NGFF PCIe SSDs)

Package Includes

- U457-1M2-SATAG2 USB 3.1 Gen 2 USB-C to M.2 NGFF SATA SSD (B-Key) Enclosure Adapter
- USB 3.1 Gen 2 Type-C cable (M/M)
- Mini screwdriver
- Mounting hardware
- Owner's manual

- Enclosed housing protects drive in applications requiring more durability
- USB 3.1 Gen 2 Type-C cable included

Specifications

OVERVIEW	
UPC Code	037332201256
Drives Supported	M.2 NGFF SATA (B-KEY)
Technology	SATA/eSATA
INPUT	
Bus Powered	Yes
POWER	
Power Consumption (Watts)	5.00
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Read, Write, Data)
PHYSICAL	
Color	Black
Material of Construction	Aluminum
Shipping Dimensions (hwd / in.)	1.38 x 5.71 x 5.12
Shipping Dimensions (hwd / cm)	3.51 x 14.50 x 13.00
Shipping Weight (lbs.)	0.12
Shipping Weight (kg)	0.05
Unit Dimensions (hwd / in.)	0.378 x 4.331 x 1.614
Unit Dimensions (hwd / cm)	0,96 x 11 x 4,1
Unit Packaging Type	Box
Unit Weight (lbs.)	0.12
Unit Weight (kg)	0.05
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
BTUs	17.1 BTU/Hr

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	M.2 NGFF SATA (B-Key)
Connector Plating	Nickel

FEATURES & SPECIFICATIONS	
USB Specification	USB 3.1 Gen 2 (up to 10 Gbps)
IP68 Rated	No
IP20 Rated	No
UASP Support	Yes
Driver Required	No

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty