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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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- Power is provided via USB connection. If additional power is needed, connect a 5V 2A external power supply (sold separately) that uses a 3.5 x 1.3 x 8 mm output plug with positive tip and negative sleeve.

USB 3.1 Gen 2 (10 Gbps) SATA SSD/HDD to USB-C Enclosure Adapter with UASP Support, Metal Housing, Thunderbolt™ 3 Compatible

MODEL NUMBER: **U457-025-SATAG2**



Slim aluminum enclosure connects a SATA SSD or HDD 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 U457-025-SATAG2 USB 3.1 Gen 2 (10 Gbps) SATA SSD/HDD to USB-C Enclosure Adapter lets you connect a high-performance SATA solid state drive (SSD) or hard disk drive (HDD) 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.

Recommended for storing and sharing large files, such as photos, music and video files, the U457-025-SATAG2 accepts 2.5-inch SATA drives up to 2 TB. You can access data on an older SATA drive, or use a new SATA drive for additional storage space. The adapter is plug-and-play, so no software, drivers or external power supply is required, and it is backward compatible with previous USB generations. A white LED indicates data is being read or written.

The durable, slim aluminum housing stores conveniently in a backpack or laptop bag for use anywhere. The housing is ventilated to keep the interior cool and help prevent data from being corrupted.

In most cases, the USB connection provides enough power. In case additional power is needed, connect an external power supply (sold separately) between the unit's DC-In port and an AC outlet. The U457-025-SATAG2 is compatible with 5V 2A power supplies that use a 3.5 x 1.3 x 8 mm output plug with a positive tip and negative sleeve.

Highlights

- Compatible with 2.5 in. SATA SSDs and HDDs up to 2 TB
- Supports USB 3.1 Gen 2 data transfer rates up to 10 Gbps
- Works up to 70% faster when connected to UASP host controller
- Vented aluminum housing keeps drive cool to prevent data corruption
- Plug-and-play—no software, drivers or external power supply needed

System Requirements

- Computer with USB-C or Thunderbolt™ 3 port (USB 3.1 Gen 2 port required for maximum speed)
- 2.5 in. SATA SSD or HDD (9.5 mm max height)
- UASP-enabled host controller required for UASP performance
- Compatible with all USB-enabled operating systems

Package Includes

- U457-025-SATAG2 USB 3.1 Gen 2 SATA SSD/HDD to USB-C Enclosure Adapter
- USB 3.1 Gen 2 USB-C cable (M/M), 2 ft.
- (4) Drive mount screws
- (4) Enclosure screws
- Screwdriver
- Rubber feet
- Owner's manual



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Features

Connects an Internal SATA Drive to Your Computer's USB-C or Thunderbolt™ 3Port

- Recommended for storing and sharing large photo, music and video files
- 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
- Compatible with all USB-enabled operating systems

Compatible with 2.5 in. SATA Drives Up to 2 TB

- Accepts SATA III, II and I SSDs and HDDs
- Will support higher-capacity drives when available
- Backward compatible with previous USB generations
- White LED indicates drive data is being read or written

Designed for Immediate Use

- Plug and play—no software, drivers or external power supply needed
- Durable slim aluminum housing perfectly sized for backpack or laptop bag
- Ventilated housing keeps interior cool and helps prevent data from being corrupted
- USB 3.1 Gen 2 Type-C cable included

Power Provided via USB Connection

- Accepts user-supplied external power supply in case additional power is needed
- Compatible with 5V 2A power supplies that use 3.5 x 1.3 x 8 mm output plug with positive tip and negative sleeve

Specifications

| OVERVIEW | |
|--|---|
| UPC Code | 037332202444 |
| Drives Supported | 2.5" HDD and SSD |
| Technology | SATA/eSATA; USB (all versions); USB 3.1 (Gen 2) |
| INPUT | |
| Voltage Compatibility (VAC) | 100; 110; 120; 127; 200; 208; 220; 230; 240 |
| External Power Supply Input Specs (V / Hz / A) | 100-240 / 50/60Hz / 0.4A |



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| | |
|---|--|
| External Power Supply Output Specs (V / A) | 5V / 2A |
| External Power Supply DC Barrel Connector Specs | OD: 3.5 x 1.3 x 8mm, Positive Pin, Negative Sleeve |
| Bus Powered | Yes |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | White (Power, Data) |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 1.890 x 7.130 x 5.040 |
| Shipping Dimensions (hwd / cm) | 4.80 x 18.11 x 12.80 |
| Shipping Weight (lbs.) | 0.3300 |
| Shipping Weight (kg) | 0.15 |
| Unit Packaging Type | Box |
| Unit Dimensions (hwd / in.) | 0.8 x 4.9 x 3.1 |
| Unit Dimensions (hwd / cm) | 2 x 12.5 x 7.8 |
| Unit Weight (lbs.) | 0.33 |
| Unit Weight (kg) | 0.15 |
| Material of Construction | Aluminum |
| Color | Black |
| 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 |
| Power Consumption (Watts) | 5 |
| CONNECTIONS | |
| Ports | 1 |
| Side A - Connector 1 | USB C (MALE) |
| Side B - Connector 1 | 22 PIN SATA + POWER (FEMALE) |
| Connector Plating | Nickel |
| Contact Plating | Nickel |
| FEATURES & SPECIFICATIONS | |
| USB Specification | USB 3.1 Gen 2 (up to 10 Gbps) |



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| | |
|--|--------------------------------|
| Driver Required | No |
| UASP Support | Yes |
| CERTIFICATIONS | |
| Certifications | Tested to CE, FCC, ROHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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