

# USB-C Dock with Optional Internal Hard Drive, 4K HDMI, USB 3.2 (5G), USB-A/USB-C Hub, SATA III, 100W PD Charging, Gray

MODEL NUMBER: U442-DOCK17-GY



USB-C docking station with 4K HDMI support allows you to connect a 2.5 in. SATA3 SSD or HDD to your MacBook Pro or Windows laptop.

## Features

### USB-C Docking Station Turns Your Device's USB or Thunderbolt 3 Port into a Workstation

This multiport USB-C dock with PD charging expands the potential of your Windows laptop, Chromebook, MacBook, tablet or other device with a USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video with audio, adding a thumb drive and other USB peripherals, powering and charging a PD Charging-compliant mobile device and storing data on a 2.5-inch SATA hard drive, all at the same time.

### Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals

By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 4K video and digital audio to an HDMI monitor, television or projector without installing special software drivers.

### Transmits Crystal-Clear 4K Video with 4:4:4 Color

The U442-DOCK17-GY supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz, as specified in HDMI 2.0, with 36-bit Deep Color. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This docking station also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

### USB Hub Ports Connect Peripherals and Charge Mobile Devices

Two USB-A ports and one USB-C port accept USB peripherals, such as flash drives, mice, keyboards and printers. All support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps and are backward compatible with USB 2.0 and USB 1.1 devices. Additionally, the USB-A ports provide 5V 1.5A (7.5W) of power for charging your smartphone and other devices. **Note:** Host device must support USB On-the-Go (OTG).

### PD Charging Port Charges Host Device via AC Wall Charger

The USB-C Power Delivery port supports power output up to 20V 5A (100W), which is sufficient for charging and powering the connected source device, such as a MacBook, Windows laptop or Android smartphone. Just connect the device's AC wall charger to the USB-C PD port. As noted above, the port also transfers data at USB 3.2 Gen 1 speeds up to 5 Gbps. **Note:** This port does not support Quick Charge (QC).

## Highlights

- Supports 4K @ 30 Hz video resolutions (4:4:4) as specified in HDMI 2.0
- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- USB-C PD 3.0 port supports 20V 5A (100W) power output for charging host device
- USB ports support USB 3.2 Gen 1 speeds up to 5 Gbps to ensure fast data transfers
- Connects 2.5 in. SATA SSD/HDDs with UASP support and 6 Gbps transfer speeds

## Applications

- Expand your workstation with an extra HDMI display to aid in multitasking and increase productivity
- Add an external 2.5 in. SATA hard drive to your laptop for extra storage space
- Charge your notebook or laptop by connecting its wall charger to the USB-C PD Charging port
- Connect a USB thumb drive to quickly upload or download images or other vital files
- Connect a USB microphone or headset to record a podcast or listen to music

## System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with HDMI input
- UASP-enabled host controller required to achieve UASP performance

## Package Includes

- U442-DOCK17-GY USB-C Dock, Single Display, Gray
- Owner's manual



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

#### Connect a High-Performance SATA Drive for Extra External Data Storage

Add more storage space to your laptop by connecting a 2.5-inch SATA III solid state drive (SSD) or hard disk drive (HDD). Just remove the dock's cover, insert the SATA drive and replace the cover (no tools are needed). The U442-DOCK17-GY retrieves data at speeds up to 6 Gbps. It also reads data up to 70 percent faster when connected to a UASP-enabled host controller. **Note:** *Because memory works differently on each operating system, select "exFAT" as the file system format to increase compatibility.*

#### Built-In USB-C Cable Connects 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 an instant connection every time. The two-foot (0.6-meter) cable wraps around the dock's diameter for easy organization when not in use.

#### Ready to Use Right Out of the Package

The plug-and-play USB-C dock is specifically designed for use with Windows laptops and other notebooks, smartphones, tablets and devices equipped with a USB-C or Thunderbolt 3 port. Its compact footprint fits easily into your desk space without taking up much valuable room. A support bracket helps make a connected phone or tablet more stable.

## Specifications

| OVERVIEW                       |   |
|--------------------------------|---|
| UPC Code                       | 037332262288  |
| Product Type                   | Docking Station   |
| Technology                     | HDMI; SATA/eSATA  |
| Host Connector                 | USB C (MALE)  |
| VIDEO                          |   |
| Number of Monitors Supported   | 1   |
| Video Ports                    | HDMI (FEMALE)   |
| Video Ports Details            | HDMI 2.0; HDCP 1.4; HDCP 2.2  |
| Resolutions Supported          | HDMI: 4K 30Hz - 3840 x 2160 @ 30Hz (Can Support up to 4096 X 2160 30Hz) |
| Max Supported Video Resolution | HDMI: 3840 x 2160 @ 30Hz (Can Support up to 4096 X 2160 30Hz)           |
| Extended Mode                  | No  |
| Mirror Mode                    | No  |
| Max Supported Color Depth      | 36-bit Deep Color   |
| HDR Support                    | No  |
| Chroma Sub Sampling            | 4:2:0; 4:2:2; 4:4:4   |
| DATA                           |   |
| Data Ports                     | (2) USB A (FEMALE); (1) USB C (FEMALE)                                  |
| Data Ports Details             | (2) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) USB-C - USB 3.2 Gen 1 (5 Gbps)  |
| INPUT                          |   |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

|  |   |
|--|---|
| Built-In Cable Length (ft.)                    | 1.9   |
| Built-In Cable Length (m)                      | 0.6   |
| Built-In Cable Length (in.)                    | 23.2  |
| Built-In Cable Length (cm)                     | 59  |
| Bus Powered                                    | Yes   |
| <b>BATTERY</b>                                 |   |
| Battery Charging (5V/1.5A Port)                | Yes   |
| <b>POWER</b>                                   |   |
| USB Power Delivery (PD) Charging Support       | Yes   |
| USB Power Delivery (PD) Charging Specification | 3.0   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>   |   |
| LED Indicators                                 | Power (Solid White), Data Transfer (Flashes White)                      |
| <b>CHARGING</b>                                |   |
| Total Charging Watts                           | 100   |
| Charging Method                                | USB   |
| Charging Ports                                 | (2) USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0) |
| Charging Ports / Amps                          | (2) 1.5A; (1) 5A  |
| <b>PHYSICAL</b>                                |   |
| Material of Construction                       | Aluminum  |
| Color  | Gray  |
| Cable Jacket Material                          | PVC   |
| Cable Jacket Rating                            | VW-1  |
| Cable Outer Diameter (OD)                      | 4.5mm   |
| Wire Gauge (AWG)                               | 32/22   |
| Shipping Dimensions (hwd / in.)                | 1.58 x 6.30 x 6.30  |
| Shipping Weight (lbs.)                         | 0.71  |
| Unit Dimensions (hwd / in.)                    | 5.15 x 5.15 x 1.19  |
| Unit Packaging Type                            | Box   |
| Unit Weight (lbs.)                             | 0.44  |
| Unit Weight (kg)                               | 0.20  |
| <b>ENVIRONMENTAL</b>                           |   |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

|                                       |   |
|---------------------------------------|---|
| Operating Temperature Range           | 41 to 95°F (5 to 35°C)  |
| Storage Temperature Range             | 14 to 122°F (-10 to 50°C)   |
| Operating Humidity Range              | 20% to 80% RH, Non-Condensing                                     |
| Storage Humidity Range                | 20% to 80% RH, Non-Condensing                                     |
| Power Provided to Connected Device(s) | USB-C PD: 20V/5A (100W), USB-A: 5V/1.5A (7.5W)                    |
| <b>CONNECTIONS</b>                    |   |
| Number of Ports                       | 4   |
| Dock Connectors                       | USB-C PD Charging/Data, (2) USB-A 3.2 Gen1, HDMI, SATA II SSD/HDD |
| Side A - Connector 1                  | USB C (MALE)  |
| Side B - Connector 1                  | HDMI (FEMALE); (2) USB A (FEMALE); USB C (FEMALE)                 |
| Side B - Connector 2                  | 7-PIN SATA (FEMALE)   |
| Connector Plating                     | Nickel  |
| <b>FEATURES &amp; SPECIFICATIONS</b>  |   |
| HDCP Specification                    | 1.4; 2.2  |
| USB Hub Ports                         | Yes   |
| Number of USB Hub Ports               | 3   |
| USB Specification                     | USB 3.2 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)        |
| Driver Required                       | No  |
| UASP Support                          | Yes   |
| Auto MDIX Support                     | No  |
| Full Duplex Support                   | No  |
| Suspend Mode Support                  | No  |
| Remote Wakeup Support                 | No  |
| SATA Version                          | SATA III (6 Gbps)   |
| <b>STANDARDS &amp; COMPLIANCE</b>     |   |
| Product Compliance                    | RoHS; CE (Europe); REACH; FCC (USA)                               |
| <b>WARRANTY</b>                       |   |
| Product Warranty Period (Worldwide)   | 3-year limited warranty   |

© 2022 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>