

USB-C Dock with Optional Internal Hard Drive, 4K HDMI, USB 3.x (5Gbps), 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).

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

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



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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; USB 3.x
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	Yes
Mirror Mode	Yes
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
DisplayPort Alt Mode	Yes
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	
Built-In Cable Length (ft.)	1.9



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Built-In Cable Length (m)	0.6
Built-In Cable Length (in.)	23.2
Built-In Cable Length (cm)	59
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
CONNECTIONS	
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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power (Solid White), Data Transfer (Flashes White)
CHARGING	
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
PHYSICAL	
Color	Gray
Material of Construction	Aluminum
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



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Shipping Weight (lbs.)	0.71
Unit Dimensions (hwd / in.)	5.150 x 5.150 x 1.190
Unit Packaging Type	Box
Unit Weight (lbs.)	0.44
Unit Weight (kg)	0.20
ENVIRONMENTAL	
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)
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Ethernet Support	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)
HDCP Specification	1.4; 2.2
Driver Required	No
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



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1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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