



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## USB-C Laptop Docking Station - HDMI, VGA, GbE, 4K @ 30 Hz, Thunderbolt 3, USB-A, USB-C, PD Charging 3.0, Black

MODEL NUMBER: U442-DOCK3-B



USB-C docking station adds HDMI, Gigabit ethernet, memory card, PD Charging and other ports to turn your Chromebook, MacBook, smartphone, tablet or PC into a complete workstation.

### Features

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

The U442-DOCK3-B expands the potential of your tablet, laptop, Chromebook, MacBook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video and audio to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging 3.0-compliant mobile device, connecting to a Gigabit Ethernet network and a lot more—all at the same time.

#### Supports USB DisplayPort Alternate Mode for Transmitting Audio/Video Signals

With a source device that also supports USB DisplayPort Alt Mode, you can extend video from your primary display to another, duplicate the same video on both displays, or change the second display to your primary.

#### Transmits Crystal-Clear 4K HDMI Video and Digital Audio

To send digital audio and Ultra High Definition video to a 4K-ready HDMI television, projector or monitor, connect the corresponding port to the display using an HDMI cable (sold separately). The HDMI port supports UHD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. You can transmit the same video signal through the HDMI and VGA ports simultaneously with a maximum resolution of 1080p on both. A DVI display may be connected to the HDMI port using an HDMI to DVI adapter (sold separately).

#### Connects Up to 3 USB Peripherals

The two USB-A hub ports and single USB-C data port accept USB peripherals, such as flash drives, mice, keyboards and printers, and share a maximum 10W (5V 2A) of power. They support fast USB 3.1 Gen 1 data transfer rates up to 5 Gbps and are backward compatible with USB 2.0 and USB 1.1 devices. The BC 1.2-compliant USB-A port next to the memory card slots provides up to 1.5A of fast-charging power to mobile devices.

#### Charges the Connected Device

The USB-C Power Delivery (PD) port provides power and charging to the PD Charging 3.0-compliant device (such as a MacBook, Chromebook or Android smartphone) the U442-DOCK3-B is connected to. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 100W (20V

### Highlights

- Transmits audio/video signals from sources supporting USB DisplayPort Alt Mode
- HDMI port delivers UHD picture quality at resolutions up to 4K x 2K @ 30 Hz
- Connects you to a wired Ethernet network when Wi-Fi is weak or unavailable
- Powers and charges PD Charging 3.0-compliant devices, such as MacBooks and Chromebooks
- Easy installation with plug-and-play operation—no software required

### Applications

- Play video from your laptop or PC on an HDMI or VGA display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Upload data from your notebook or download data from the Ethernet at true 10/100/1000 Mbps Ethernet speeds
- Transfer data to and from a USB flash drive or Micro SD or SD/MMC memory card
- Charge your notebook or laptop by connecting its wall charger to the USB-C PD Charging 3.0 port
- Connect a USB microphone/headset to record a podcast or listen to music
- Write a report using a USB



5A). When the wall charger is unplugged, the unit's PD 3.0 Fast Role Swap feature ensures all data and power connections remain stable.

**Accesses a Wired Gigabit Ethernet Network**

The RJ45 port offers access to a Gigabit Ethernet network when Wi-Fi is unavailable or when a wired connection offers faster speeds. Connect using a UTP cable (sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

**Allows External Memory Access**

The memory card slots support Micro SD and SD/MMC cards for transferring data to and from your connected computer, laptop or tablet. Only one memory card slot can be used at a time.

**Built-In USB-C Cable Connects in Either Direction**

Connect the reversible USB-C plug to your source device's USB-C or Thunderbolt 3 port. The fumble-free USB-C plug connects in either direction to ensure fast, easy connection every time. The built-in cable tucks away beneath the compact unit for safe carrying in a pocket, briefcase or laptop bag.

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

Enjoy the convenience of one multiport USB-C docking station instead of several different port converters. The plug-and-play USB-C dock for MacBooks, Chromebooks and other devices requires no software, drivers or external power.

**3-Year Warranty and Environmentally Responsible Design**

The U442-DOCK3-B comes with a 3-year warranty. It's manufactured in compliance with strict RoHS specifications, reflecting Tripp Lite's commitment to environmental responsibility.

keyboard with your tablet or  
 Android smartphone

**System Requirements**

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode

- Display device with VGA, DVI\* or HDMI input

\*Requires adapter (sold separately)

**Package Includes**

- U442-DOCK3-B USB-C Laptop Docking Station - HDMI, VGA, GbE, 4K, Thunderbolt 3, USB-A, USB-C, PD Charging 3.0, Black
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332213495
Technology	Cat5/5e; Cat6; HDMI (All types); USB (all versions); USB 3.0 (SuperSpeed); USB 3.1 (Gen 1); VGA/SVGA
OUTPUT	
Charging Ports / Amps	3A / 2A / 1.5A
INPUT	
Bus Powered	Yes
Product Length (in.)	9.40
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power) and Orange (Activity)
PHYSICAL	
Unit Packaging Type	Box



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

Unit Dimensions (hwd / in.)	0.55 x 4.8 x 2.8
Unit Weight (lbs.)	0.20
Unit Weight (kg)	0.09
Material of Construction	ABS/Plastic
Color	Black
Cable Jacket Rating	VW-1
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
BTUs	17.1 BTU/Hr
Power Consumption (Watts)	5
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Speed	1Gbps
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
<b>CONNECTIONS</b>	
Ports	11
Dock Connectors	USC-C 3.0 Data, (x2) USB-A, Micro SD Memory Card, SD/MMC Memory Card, HDMI, VGA, RJ45, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); HDMI (FEMALE); RJ45 (FEMALE); USB C (FEMALE)
Side B - Connector 2	MICRO SD (FEMALE); SD (FEMALE); (2) USB 3.0 A (FEMALE); USB C (FEMALE)
Connector Plating	Nickel
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	4K x 2K (3840 x 2160) @30Hz (HDMI)
HDMI Specification	1.4
HDCP Specification	1.4
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
USB Power Delivery (PD) Charging Support	Yes
Auto MDIX Support	Yes



Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2018 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>