

## Important Note

The host PC allows for administrator access when connecting the dock for the first time in order to allow the automatic driver installation to take place. If this is not an option please see the product's web page on <https://tripplite.eaton.com> to download the drivers manually.

## USB-C Dock - 4K HDMI, VGA, USB 3.x (5Gbps), USB-A/C Hub, Gigabit Ethernet, Memory Card Slots, 100W PD Charging

MODEL NUMBER: **U442-DOCK3-B**



USB-C docking station adds HDMI, VGA, USB, PD Charging and other ports to your Chromebook, Windows laptop or PC.

## Features

**USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Multiport Workstation** This USB-C dock with PD Charging expands the potential of your Chromebook or Windows laptop's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video and digital 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. Please note: The U442-DOCK3-B is incompatible while using 2019 Apple MacBook OS Big Sur 11.X.X.

**Supports USB-C DisplayPort Alternate Mode for Transmitting 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 a compatible monitor, television or projector without installing special software drivers.

**Transmits Crystal-Clear 4K Video and Digital Audio to an HDMI Monitor** 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 Ultra HD 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. Only one monitor may be connected at a time. A DVI display may be connected to the HDMI port using an HDMI to DVI adapter (sold separately).

**USB Ports Connect Keyboards, Thumb Drives and Other 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 3.2 Gen 1 data transfer rates up to 5 Gbps and are backward compatible with USB 2.0 and USB 1.1 devices. One USB-A port also supports 5V

## Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear HDMI video
- Joins a wired Gigabit Ethernet network when no Wi-Fi is available
- Supports 20V 5A (100W) power output for fast-charging the host device
- USB-C, USB-A and memory card ports allow connection of flash drives and other peripherals

## 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 port
- Connect a USB microphone/headset to record a podcast or listen to music

## System Requirements

- Source laptop/computer 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 Docking Station, Black
- Owner's manual

1.5A (7.5W) of power dedicated to fast-charging your mobile device. Note: Host must support USB OTG (On-the-Go).

**PD Charging Port Charges the Connected Notebook, Tablet or Other Device**The USB-C port also supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as Chromebooks, Kindles, iPads and Android smartphones. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 20V 5A (100W). This port, as mentioned above, can also be used for transferring data up to 5 Gbps. Note: USB-C PD port does not support Quick Charge (QC).

**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**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 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**The plug-and-play USB-C dock for Windows laptops, Chromebooks and other devices requires no software or external power. Drivers will install automatically the first time the dock is connected (Note: the host computer must have administrative rights or the drivers may fail to install correctly). The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

## Specifications

| OVERVIEW                     |                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------|
| UPC Code                     | 037332213495                                                                                             |
| Product Type                 | Docking Station                                                                                          |
| Device Compatibility         | Amazon Kindle; Chromebook; Computer; DVR; Laptop; Monitor/HDTV; Phone; Printer; Projector; Tablet; Watch |
| Technology                   | Cat5/5e; Cat6; HDMI; USB 3.x; VGA/SVGA                                                                   |
| Country/Region               | Global                                                                                                   |
| Host Connector               | USB C (MALE)                                                                                             |
| VIDEO                        |                                                                                                          |
| Video Input                  | USB C (MALE)                                                                                             |
| Video Output                 | HD15 (FEMALE); HDMI (FEMALE)                                                                             |
| Number of Monitors Supported | 1                                                                                                        |
| Video Ports                  | HDMI (FEMALE); HD15 (FEMALE)                                                                             |
| Video Ports Details          | HDMI 1.4; HDCP 1.4                                                                                       |
| Resolutions Supported        | HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz                                                         |
| Supported Resolutions        | 1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)                                                       |

|                                |                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max Supported Video Resolution | HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ                                                                                                                                                                                                                                                                                    |
| Recommended Cabling            | <a href="#">P568-Series 4K HDMI Cables</a> <a href="#">P502-Series 1080P VGA Cables</a>                                                                                                                                                                                                                                                                |
| Extended Mode                  | Yes                                                                                                                                                                                                                                                                                                                                                    |
| Extended Mode Details          | Extend a desktop to a single connected HDMI or VGA display at the following resolutions:HDMI: 3840 x 2160 (4K x 2K) @ 30 HzVGA: 1920 x 1200 (1080p) @ 60 HzNote: The U442-DOCK3-B is not capable of extending a desktop accross two connected displays. Connecting two displays at once will instead result in both displays mirroring the same image. |
| Mirror Mode                    | Yes                                                                                                                                                                                                                                                                                                                                                    |
| Mirror Mode Details            | Transmit mirrored video content to a connected HDMI or VGA display at the following resolutions:HDMI: 3840 x 2160 (4K x 2K) @ 30 HzVGA: 1920 x 1200 (1080p) @ 60 HzHDMI + VGA (Dual Output): 1080p both displays                                                                                                                                       |
| Max Supported Color Depth      | 36-bit Deep Color                                                                                                                                                                                                                                                                                                                                      |
| HDR Support                    | No                                                                                                                                                                                                                                                                                                                                                     |
| 3D Video Supported             | Yes                                                                                                                                                                                                                                                                                                                                                    |
| Chroma Sub Sampling            | 4:2:0; 4:2:2; 4:4:4                                                                                                                                                                                                                                                                                                                                    |
| EDID Support                   | Yes                                                                                                                                                                                                                                                                                                                                                    |
| Signal Transmission            | Unidirectional                                                                                                                                                                                                                                                                                                                                         |
| DisplayPort Alt Mode           | Yes                                                                                                                                                                                                                                                                                                                                                    |
| DSC Support                    | No                                                                                                                                                                                                                                                                                                                                                     |
| <b>DATA</b>                    |                                                                                                                                                                                                                                                                                                                                                        |
| Data Ports                     | (1) USB C (FEMALE); (2) USB A (FEMALE)                                                                                                                                                                                                                                                                                                                 |
| Data Ports Details             | (1) USB-C - USB 3.2 Gen 1 (5 Gbps); (2) USB-A - USB 3.2 Gen 1 (5 Gbps)                                                                                                                                                                                                                                                                                 |
| <b>NETWORK</b>                 |                                                                                                                                                                                                                                                                                                                                                        |
| Network Ports                  | RJ45 (FEMALE)                                                                                                                                                                                                                                                                                                                                          |
| Network Ports Details          | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)                                                                                                                                                                                                                                                                                                    |
| <b>STORAGE</b>                 |                                                                                                                                                                                                                                                                                                                                                        |
| Card Slots                     | SD (FEMALE); MICRO SD (FEMALE)                                                                                                                                                                                                                                                                                                                         |
| Card Slots Details             | Supports SD 3.0 / SDHC / SDXC (Up to 128Gb)Memory Card slots (SD and MicroSD) cannot be used simultaneously                                                                                                                                                                                                                                            |
| <b>INPUT</b>                   |                                                                                                                                                                                                                                                                                                                                                        |
| Bus Powered                    | Yes                                                                                                                                                                                                                                                                                                                                                    |
| Product Length (in.)           | 9.4                                                                                                                                                                                                                                                                                                                                                    |
| Product Length (cm.)           | 23.88                                                                                                                                                                                                                                                                                                                                                  |
| Product Length (ft.)           | 0.78                                                                                                                                                                                                                                                                                                                                                   |
| Product Length (m)             | 0.24                                                                                                                                                                                                                                                                                                                                                   |

| BATTERY                                        |                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Charging (5V/1.5A Port)                | Yes                                                                                                                                                                                                                                                                                               |
| POWER                                          |                                                                                                                                                                                                                                                                                                   |
| Power Consumption (Watts)                      | 5.00                                                                                                                                                                                                                                                                                              |
| USB Power Delivery (PD) Charging Support       | Yes                                                                                                                                                                                                                                                                                               |
| USB Power Delivery (PD) Charging Specification | 3.0                                                                                                                                                                                                                                                                                               |
| USER INTERFACE, ALERTS & CONTROLS              |                                                                                                                                                                                                                                                                                                   |
| LED Indicators                                 | Green (Power) and Orange (Activity)                                                                                                                                                                                                                                                               |
| CHARGING                                       |                                                                                                                                                                                                                                                                                                   |
| Number of Charging Ports                       | 4                                                                                                                                                                                                                                                                                                 |
| Total Charging Watts                           | 100                                                                                                                                                                                                                                                                                               |
| Charging Port Type                             | (2) USB A (FEMALE); (2) USB C (FEMALE)                                                                                                                                                                                                                                                            |
| Charging Ports                                 | USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)                                                                                                                                                                                                                               |
| Charging Ports Details                         | (1) USB-C PD 3.0 charging port supports charging of the host device up to 100W (20V/5A), including Fast-Role Swap(1) USB-A port supports 7.5W (5V/1.5A) fast-charging of mobile devices(1) USB-A port supports 4.5W (5V/0.9A)The USB ports share a maximum total charging output of 12W (5V/2.4A) |
| Charging Ports / Amps                          | 1.5A; 5A                                                                                                                                                                                                                                                                                          |
| Compatible Devices                             | Chromebook; Laptop; Portable Speaker; Smartphone; Tablet                                                                                                                                                                                                                                          |
| PHYSICAL                                       |                                                                                                                                                                                                                                                                                                   |
| Color                                          | Black                                                                                                                                                                                                                                                                                             |
| Material of Construction                       | ABS                                                                                                                                                                                                                                                                                               |
| Cable Jacket Color                             | Black                                                                                                                                                                                                                                                                                             |
| Connector Color                                | Black                                                                                                                                                                                                                                                                                             |
| Cable Jacket Material                          | PVC                                                                                                                                                                                                                                                                                               |
| Cable Jacket Rating                            | VW-1                                                                                                                                                                                                                                                                                              |
| Cable Outer Diameter (OD)                      | 8.4mm                                                                                                                                                                                                                                                                                             |
| Cable Length (ft.)                             | 0.36                                                                                                                                                                                                                                                                                              |
| Cable Length (m)                               | 0.11                                                                                                                                                                                                                                                                                              |
| Cable Length (in.)                             | 4.29                                                                                                                                                                                                                                                                                              |
| Cable Length (cm)                              | 10.9                                                                                                                                                                                                                                                                                              |
| Total Number of Ports                          | 9                                                                                                                                                                                                                                                                                                 |
| Shipping Dimensions (hwd / in.)                | 0.79 x 5.51 x 3.35                                                                                                                                                                                                                                                                                |

|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| Shipping Dimensions (hwd / cm)        | 2.01 x 14.00 x 8.51                                                                         |
| Shipping Weight (lbs.)                | 0.26                                                                                        |
| Shipping Weight (kg)                  | 0.12                                                                                        |
| Unit Dimensions (hwd / in.)           | 0.550 x 4.800 x 2.800                                                                       |
| Unit Dimensions (hwd / cm)            | 1.4 x 12.2 x 7.0                                                                            |
| Unit Dimensions (hwd / mm)            | 14 x 122 x 70                                                                               |
| Unit Packaging Type                   | Box                                                                                         |
| Unit Weight (lbs.)                    | 0.20                                                                                        |
| Unit Weight (kg)                      | 0.09                                                                                        |
| <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                                                                                 |
| Operating Humidity Range              | 10% to 85% RH, Non-Condensing                                                               |
| Storage Humidity Range                | 5% to 90% RH, Non-Condensing                                                                |
| Power Provided to Connected Device(s) | USB-A: 5V/0.9A (4.5W), USB-A: 5V/1.5A (7.5W), USB-C PD: 20V/5W (100W)                       |
| <b>COMMUNICATIONS</b>                 |                                                                                             |
| Network Compatibility                 | 1 Gbps (Gigabit)                                                                            |
| EDID Compatible                       | Yes                                                                                         |
| IEEE Standards Supported              | 802.3; 802.3u; 802.3az; 802.3x                                                              |
| <b>CONNECTIONS</b>                    |                                                                                             |
| Number of Ports                       | 9                                                                                           |
| Ports                                 | 1                                                                                           |
| Ports Detail                          | Connect to a wired Gigabit Ethernet network (10/100/1000Mbps) via the RJ45 port on the dock |
| Dock Connectors                       | USB-C Data, USB-A 3.0, USB-A 3.0 BC 1.2, MICRO SD, SD, HDMI, VGA, RJ45, USB-C PD Charging   |
| Side A - Connector 1                  | USB C (MALE)                                                                                |
| Side B - Connector 1                  | HDMI (FEMALE)                                                                               |
| Side B - Connector 2                  | HD15 (FEMALE)                                                                               |
| Side B - Connector 3                  | RJ45 (FEMALE)                                                                               |
| Side B - Connector 4                  | (2) USB C (FEMALE)                                                                          |
| Side B - Connector 5                  | MICRO SD (FEMALE); SD (FEMALE)                                                              |
| Side B - Connector 6                  | (2) USB A (FEMALE)                                                                          |
| Connector Plating                     | Nickel                                                                                      |

|                                      |                                                                                    |
|--------------------------------------|------------------------------------------------------------------------------------|
| Connector Style                      | Straight                                                                           |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                                    |
| 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) |
| Data Transfer Rate                   | 5 Gbps                                                                             |
| Integrated/Removable Cable           | Yes                                                                                |
| MST Support                          | Yes                                                                                |
| Multi-Resolution Support             | No                                                                                 |
| Network Speed Support                | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)                                |
| Ethernet Support                     | Yes                                                                                |
| UASP Support                         | No                                                                                 |
| Auto MDIX Support                    | No                                                                                 |
| Full Duplex Support                  | No                                                                                 |
| Suspend Mode Support                 | No                                                                                 |
| Remote Wakeup Support                | No                                                                                 |
| SD Card Specification                | SD; Micro SD                                                                       |
| HDCP Specification                   | 1.4                                                                                |
| Driver Required                      | Yes                                                                                |
| Recommended Category Cable           | N201-Series 24AWG Cat6 Cables                                                      |
| Built-in Cable Management            | Yes                                                                                |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                                    |
| TAA Compliant Option                 | N                                                                                  |
| Product Certifications               | EN 55032; ICES (Canada); NOM (Mexico)                                              |
| Product Compliance                   | CE (Europe); FCC (USA); REACH; RoHS3; UKCA                                         |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                                    |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                                                            |