

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

MODEL NUMBER: U442-DOCK1-B



Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Multiport Workstation
The U442-DOCK1-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 digital audio and video to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging-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 DisplayPort and USB 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 Video and Digital Audio

To send digital audio and Ultra High Definition video to a 4K-ready HDMI or Mini DisplayPort television, projector or monitor, connect the corresponding port to the display using an HDMI or mDP cable (sold separately). The Mini DisplayPort and HDMI ports support UHD video resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz. The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. Only one display can be connected at a time. A DisplayPort or DVI display may also be connected using an mDP to DP or HDMI to DVI adapter (adapters sold separately).

Connects USB Peripherals

The USB-A hub ports accept up to three USB peripherals, such as flash drives, mice, keyboards and printers. 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. A BC 1.2-compliant port provides up to 1.5A of fast-charging power to mobile devices.

Highlights

- Transmits DisplayPort signals from sources supporting USB DisplayPort Alt Mode
- Delivers UHD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
- Connects you to a wired Ethernet network when no Wi-Fi is available
- Powers and charges PD Charging-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, VGA or mDP display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Transfer data to and from a USB flash drive, 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 microphone/headset to record a podcast or listen to music

System Requirements

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



Charges a Connected Device

The USB-C Power Delivery (PD) port provides power and charging to the PD Charging-compliant device (such as a MacBook, Chromebook or Android smartphone) the U442-DOCK1-B is connected to. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 60W—45W for the USB-C device and 15W dedicated to the U442-DOCK1-B and its USB-A hub ports.

Accesses a Wired Gigabit Ethernet Network

The RJ45 port offers access to a Gigabit Ethernet network when no Wi-Fi is available 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.

Connects Audio Equipment

The USB-C dock's 3.5 mm mini stereo jack is convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

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.

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.

Ready to Use Right Out of the Package

The plug-and-play USB-C dock for MacBooks, Chromebooks and other devices requires no software, drivers or external power. The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

3-Year Warranty and Environmentally Responsible Design

The U442-DOCK1-B comes with a 3-year warranty. It's manufactured in compliance with strict RoHS specifications, reflecting Tripp Lite's commitment to environmental responsibility.

USB DisplayPort Alternate Mode

- Display device with DisplayPort*, Mini DisplayPort, VGA, DVI* or HDMI input

Package Includes

- U442-DOCK1-B USB-C Laptop Docking Station w/mDP, HDMI, VGA, GbE, 4K, Thunderbolt 3—USB-A, PD Charging, 30 Hz, Black
- Owner's manual

Specifications

| MODEL TEXT | |
|----------------------------|--|
| What Does This Product Do? | USB-C docking station adds HDMI, VGA, mDP, USB, PD Charging and other ports to your Chromebook, MacBook, smartphone or PC. |
| OVERVIEW | |
| Over Current Protection | |
| INPUT | |



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|--|--------------------|
| Cable Length (ft.) | |
| Cable Length (m) | |
| Cable Length (in.) | |
| Built-In Cable Length (ft.) | |
| Built-In Cable Length (m) | |
| Built-In Cable Length (in.) | |
| Built-In Cable Length (cm) | |
| External Power Supply Input Specs (V / Hz / A) | |
| External Power Supply Output Specs (V / A) | |
| External Power Supply Cord Length (ft.) | |
| External Power Supply Cord Length (m.) | |
| Bus Powered | Yes |
| Cable Length (cm) | |
| Product Length (in.) | 8.30 |
| Product Length (cm.) | |
| Product Length (ft.) | |
| Product Length (m.) | |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 0.9 x 5.3 x 6.5 |
| Shipping Dimensions (hwd / cm) | 2.3 x 13.5 x 16.5 |
| Shipping Weight (lbs.) | 0.50 |
| Shipping Weight (kg) | 0.21 |
| Unit Packaging Type | Box |
| Unit Dimensions (hwd / in.) | 0.67 x 2.95 x 5.39 |
| Unit Dimensions (hwd / cm) | 1.7 x 7.5 x 13.7 |
| Unit Weight (lbs.) | 0.22 |
| Unit Weight (kg) | 0.10 |
| Material of Construction | PVC and Aluminium |
| Color | Black |



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|---|---|
| Transmitter Unit Dimensions (hwd / in.) | |
| Transmitter Unit Dimensions (hwd / cm.) | |
| Receiver Unit Dimensions (hwd / in.) | |
| Receiver Unit Dimensions (hwd / cm.) | |
| Transmitter Unit Weight (lbs.) | |
| Transmitter Unit Weight (kg) | |
| Receiver Unit Weight (lbs.) | |
| Receiver Unit Weight (kg) | |
| Cable Jacket Rating | VW-1 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32 to 113 F (0 to 45 C) |
| Storage Temperature Range | 14 to 158 F (-10 to 70 C) |
| Relative Humidity | |
| Operating Elevation (ft.) | |
| Storage Elevation (ft.) | |
| 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 |
| Power Provided to Connected Device(s) | |
| COMMUNICATIONS | |
| Signal Range (ft.) | |
| Network Speed | 1Gbps |
| IEEE Standards Supported | 802.3; 802.3u; 802.3az; 802.3x |
| CONNECTIONS | |
| Ports | 11 |
| Dock Connectors | 3 x USB3.0, 3.5mm Stereo, RJ45 LAN, HDMI, MINI DISPLAYPORT, VGA, MICRO SD, SD, USB-C CHARGING |
| Side A - Connector 1 | USB C (MALE) |
| Side B - Connector 1 | HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE) |
| Side B - Connector 2 | (3) USB 3.0 A (FEMALE) |
| Side B - Connector 3 | MICRO SD (FEMALE); SD (FEMALE) |



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| Side B - Connector 4 | RJ45 (FEMALE) |
| Side B - Connector 5 | USB C (FEMALE) |
| Side B - Connector 6 | 3.5MM (FEMALE) |
| Connector Plating | Nickel |
| PORT EXPANSION | |
| Max Distance (Between any 2 Units) | |
| FEATURES & SPECIFICATIONS | |
| Max Supported Video Resolution | 4K x 2K (3840 x 2160) @30Hz |
| Displayport Specification | 1.2 |
| 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) |
| Audio Specification | |
| 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 |
| CERTIFICATIONS | |
| Certifications | Tested to CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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