

USB-C Dock - 4K HDMI, USB 3.2 Gen 1, USB-A Hub, GbE, Memory Card, 100W PD Charging, Detachable Cord

MODEL NUMBER: U442-DOCK5D-GY



USB-C docking station with PD Charging adds HDMI, USB-A, Ethernet and memory card ports to your Chromebook, Windows laptop or tablet.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Workstation This USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting true 4K video and digital audio to a large display, adding a thumb drive and other USB peripherals, 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-C DisplayPort Alternate Mode for Converting Audio/Video Signals By connecting the detachable 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 and Digital Audio with True 4:4:4 Color The HDMI output supports true 4K video resolutions up to 4096 x 2160 at 30 Hz with multi-channel sound and 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Connect the HDMI port to your display using an HDMI cable (sold separately). A DVI display may also be connected using an HDMI to DVI adapter (sold separately).

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals Three USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. They support 5V 2A (10W) of charging power, when connected to a PD 3.0-compliant charger, and fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps (10 times faster than USB 2.0). One port also supports BC 1.2 charging with 5V 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 supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as laptops, 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. PD 3.0 Fast Role Swap technology ensures all data and power connections remain stable if the wall charger becomes accidentally dislodged. 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. Both slots may be used at the same time.

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Supports true 4K resolutions up to 4096 x 2160 (@ 30 Hz) for crystal-clear video
- Connects you to a wired 10/100/1000 Ethernet network when Wi-Fi is unavailable
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- 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 display, such as an HDTV or projector
- Save data to a USB-enabled thumb drive or external hard drive
- Access a wired Gigabit Ethernet network in a location with no or spotty Wi-Fi
- 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 USB DisplayPort Alternate



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

Detachable USB-C Cable Attaches 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.

Ready to Use Right from the Package, So You Can Plug and Play Immediately 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. It requires no extra software to be downloaded or installed. It's about the size of a smartphone, making it easy to pack into a pocket, backpack or laptop bag for multiport convenience wherever you go.

Mode

- Display device with HDMI or DVI* input
*Requires adapter (sold separately)

Package Includes

- U442-DOCK5D-GY USB-C Dock, Gray
- USB 3.2 Gen 1 Type-C cable (M/M), 3 ft.
- Owner's manual

Specifications

| OVERVIEW | |
|--------------------------------|--|
| UPC Code | 037332241023 |
| Product Type | Docking Station |
| Technology | Cat5/5e; Cat6; HDMI; USB; USB 3.0 (SuperSpeed); USB 3.1 (Gen 1); PD Charging |
| Host Connector | USB C (MALE) |
| VIDEO | |
| Number of Monitors Supported | 1 |
| Video Ports | HDMI (FEMALE) |
| Video Ports Detail | HDMI 1.4; HDCP 1.4 |
| Resolutions Supported | HDMI: 4K 30Hz (4096 x 2160) |
| Max Supported Video Resolution | HDMI: 4096 x 2160, including 3840 X 2160 (4K X 2K) @ 30HZ |
| Extended Mode | No |
| Mirror Mode | No |
| Chroma Sub Sampling | 4:2:2; 4:4:4 |
| DATA | |
| Data Ports | (3) USB A (FEMALE); (1) USB C (FEMALE) |
| Data Ports Detail | (3) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) USB-C - USB 3.2 Gen 1 (5 Gbps) |
| NETWORK | |
| Network Ports | RJ45 (FEMALE) |



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

| STORAGE | |
|--|--|
| Card Slots | SD (FEMALE); MICRO SD (FEMALE) |
| Card Slots Detail | SD 3.0 Memory Card slots (SD and MicroSD) can be used simultaneously |
| INPUT | |
| 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 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | White (Power) and Orange (Activity) |
| CHARGING | |
| Charging Ports / Amps | (1) 1.5A; (1) 5A |
| Charging Ports | USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W) |
| Total Charging Watts | 100 |
| PHYSICAL | |
| Color | Gray |
| Cable Jacket Rating | VW-1 |
| Material of Construction | Aluminum |
| Unit Dimensions (hwd / cm) | 1.4 x 12.6 x 6.2 |
| Unit Dimensions (hwd / in.) | 0.6 x 5.0 x 2.4 |
| Unit Packaging Type | Box |
| Unit Weight (kg) | 0.14 |
| Unit Weight (lbs.) | 0.30 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32 to 113 F (0 to 45 C) |
| Storage Temperature Range | 14 to 158 F (-10 to 70 C) |
| Operating Humidity Range | 10% to 85% RH, Non-Condensing |



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

| | |
|---------------------------------------|--|
| Storage Humidity Range | 5% to 90% RH, Non-Condensing |
| Power Provided to Connected Device(s) | USB-A: 5V 2A (10W) when connected to a PD 3.0 compliant charger; USB-C: 20V 5A (100W) |
| COMMUNICATIONS | |
| Network Speed | Gigabit Ethernet (10/100/1000) |
| IEEE Standards Supported | 802.3; 802.3az; 802.3u; 802.3x |
| CONNECTIONS | |
| Ports | 9 |
| Dock Connectors | USB-C Data/PD Charge, (x3) USB-A, Micro SD Memory Card, SD/MMC Memory Card, HDMI, RJ45, USB-C Host |
| Side A - Connector 1 | USB C (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE); RJ45 (FEMALE); (3) USB 3.0 A (FEMALE); USB C (FEMALE) |
| Side B - Connector 2 | MICRO SD (FEMALE); SD (FEMALE) |
| Connector Plating | Nickel |
| FEATURES & SPECIFICATIONS | |
| 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 |
| Auto MDIX Support | Yes |
| Full Duplex Support | Yes |
| Suspend Mode Support | Yes |
| Remote Wakeup Support | Yes |
| SD Card Specification | SD; Micro SD |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

© 2021 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>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Tripp Lite:](#)

[U442-DOCK5D-GY](#)