

## Device Drivers

A driver CD-ROM is no longer included with this product. The latest drivers for Windows, macOS, Android, Chrome OS and Ubuntu are available from the DisplayLink website. Please visit <https://www.displaylink.com/downloads>.

# USB-C Dock, Dual Display - Dual HDMI, USB 3.2 Gen 1, USB-A Hub, GbE, 3.5 mm, 85W PD Charging

MODEL NUMBER: **U442-DOCK20-B**



USB-C dock with DisplayLink technology connects 2 HDMI monitors to your host device and extends/mirrors video to them simultaneously.

## 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, tablet or other device with a USB-A, USB-C or Thunderbolt 3 port. It's ideal for transmitting 1080p video and digital audio to multiple large displays, adding a thumb drive and other USB peripherals, powering and charging a PD Charging-compliant mobile device, and connecting to a Gigabit Ethernet network—all at the same time.

**Transmits Crystal-Clear Hi-Def Video and Digital Audio to Multiple HDMI Displays** Two HDMI outputs support individual high-definition resolutions up to 2560 x 1440 at 50 Hz. By downloading and installing the proper DisplayLink drivers to your host device, you may connect two HDMI displays simultaneously. This allows you to display the image from the host computer on both monitors, extend your host desktop across both with different windows open on each, or combine all into one large display as a video wall. Maximum resolution when both video ports are connected at the same time is 1920 x 1080 (1080p) at 60 Hz.

**USB Hub Ports Connect Keyboards, Thumb Drives and Other Peripherals** Three USB-A hub ports 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. One also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device (and 2.4A for Apple devices). Note: Host must support USB OTG (On-the-Go).

**PD Charging Port Charges the Connected Notebook, Tablet or Other Device** Connect your host device to the USB-C Power Delivery port, which supports PD 3.0 charging of connected PD Charging-compliant devices, such as laptops, Kindles, iPads and Android smartphones, up to 20V 4.25A (85W).

## Highlights

- Connects 2 external displays for easy multitasking and increasing productivity
- Supports 20V 4.25A (85W) power output for fast-charging large-capacity mobile devices
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- USB 3.2 Gen 1 Type-A data ports allow connection of flash drives and other peripherals
- Included USB-C to A adapter can connect to host device's USB-A port, if desired

## Applications

- Extend or mirror your laptop or PC monitor on multiple displays to aid in multitasking and increase productivity
- Transfer data to and from a USB flash drive or external hard drive
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Charge your notebook or laptop through the USB-C PD Charging port
- Connect a microphone/headset to record a podcast or listen to music

## System Requirements

- Source device with USB-A, USB-C or Thunderbolt 3 port and DisplayLink drivers installed
- Display device with HDMI input
- Any major operating system

## Package Includes

- U442-DOCK20-B USB-C Dock, Dual Display, Black
- USB-C cable, 1 m
- USB-C to USB-A adapter
- External power supply (Input: 100–240V, 50/60 Hz, 2A; Output: 20V 5A)
- C5 to NEMA 5-15P Adapter, 6 ft.
- Owner's manual

The included power supply, when plugged into an AC outlet, provides the charging power.

**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.

**Connects Speakers, Microphone and Other Audio Equipment**The 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.

**Anti-Theft Lock Protects the USB Docking Station When You Aren't Around**Connect a user-supplied computer/laptop security cable lock (not included) to this K-lock port to protect your source device against theft.

**Detachable 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. An included adapter allows you to connect the cable to your device's USB-A port, though the device will only charge when connected to the USB-C PD Charging port.

## Specifications

| OVERVIEW                       |   |
|--------------------------------|---|
| UPC Code                       | 037332253460  |
| Product Type                   | Docking Station   |
| Technology                     | Cat6; HDMI  |
| Host Connector                 | USB A (MALE); USB C (MALE)  |
| VIDEO                          |   |
| Video Input                    | USB C (FEMALE)  |
| Video Output                   | HDMI (FEMALE)   |
| Number of Monitors Supported   | 2   |
| Video Ports                    | (2) HDMI (FEMALE)   |
| Video Ports Details            | HDMI 1.4  |
| Resolutions Supported          | HDMI Dual:1920 x 1200 60HzHDMI Single: 2560 x 1440 50Hz   |
| Supported Resolutions          | 1280x720 (720p); 1920x1080 (1080p); 1920x1200   |
| Max Supported Video Resolution | Single: 2560 x 1440 @50Hz; Dual: 1080p @60Hz  |
| Extended Mode                  | Yes   |
| Extended Mode Details          | 2x HDMI (1080p). This is in addition to a built in monitor in the laptop or source device.                        |
| Mirror Mode                    | Yes   |
| Mirror Mode Details            | 2x HDMI (1920 x 1200 60Hz incl. 1080p). This is in addition to a built in monitor in the laptop or source device. |
| HDR Support                    | No  |
| 3D Video Supported             | No  |

| <b>AUDIO</b>                                   |   |
|--|---|
| Audio Ports                                    | 3.5MM (FEMALE)                                      |
| Audio Ports Details                            | 3.5mm Combo Stereo Audio / Microphone Jack          |
| Audio Specification                            | 2.1 Channel Surround Sound, TRRS                    |
| <b>DATA</b>                                    |   |
| Data Ports                                     | (3) USB A (FEMALE)                                  |
| Data Ports Details                             | (3) USB-A - USB 3.2 Gen 1 (5 Gbps)                  |
| <b>NETWORK</b>                                 |   |
| Network Ports                                  | RJ45 (FEMALE)                                       |
| <b>INPUT</b>                                   |   |
| AC Power Adapter Plug(s)                       | NEMA 5-15P North America                            |
| AC Power Adapter Input Specs (V / Hz / A)      | 100-240V / 50/60Hz / 2A                             |
| AC Power Adapter Output Specs (V / A)          | 20V / 5A  |
| AC Power Adapter Cord Length (ft.)             | 5.9   |
| AC Power Adapter Cord Length (m)               | 1.8   |
| Voltage Compatibility (VAC)                    | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240    |
| Bus Powered                                    | No  |
| <b>BATTERY</b>                                 |   |
| Battery Charging (5V/1.5A Port)                | Yes   |
| <b>POWER</b>                                   |   |
| Power Source Type                              | AC Adapter with detachable power cord               |
| AC Adapter                                     | Input: 100–240V, 50/60 Hz, 2A; Output: 20V, 5A      |
| DC Barrel Plug                                 | OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve |
| Power Consumption (Watts)                      | 15.00   |
| USB Power Delivery (PD) Charging Support       | Yes   |
| USB Power Delivery (PD) Charging Specification | 3.0   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>   |   |
| LED Indicators                                 | Green/Blue (Power/Active)                           |
| <b>CHARGING</b>                                |   |

|                                       |   |
|---------------------------------------|---|
| Total Charging Watts                  | 100   |
| Charging Ports                        | USB-A: 5V 1.5A (7.5W) ; USB-C: 85W Power Delivery (PD 3.0)                          |
| Charging Ports / Amps                 | 1.5A; 5A  |
| <b>PHYSICAL</b>                       |   |
| Color                                 | Black   |
| Material of Construction              | Plastic   |
| Cable Jacket Rating                   | VW-1  |
| Cable Outer Diameter (OD)             | 5.0mm   |
| Cable Length (ft.)                    | 3.28  |
| Cable Length (m)                      | 1.00  |
| Unit Dimensions (hwd / in.)           | 3.740 x 3.740 x 1.330   |
| Unit Packaging Type                   | Box   |
| Unit Weight (lbs.)                    | 0.4   |
| Unit Weight (kg)                      | 0.18  |
| <b>ENVIRONMENTAL</b>                  |   |
| Operating Temperature Range           | 32° to 104°F (0° to 40°C)   |
| Storage Temperature Range             | -4° to 158°F (-20° to 70°C)   |
| Relative Humidity                     | 20% to 80% RH, Non-Condensing   |
| 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/4.25A (85W), USB3.0-A: 5V/0.9A (4.5W), USB BC 1.2: 5V/1.5A (7.5W)     |
| <b>COMMUNICATIONS</b>                 |   |
| Network Compatibility                 | 1 Gbps (Gigabit)  |
| <b>CONNECTIONS</b>                    |   |
| Number of Ports                       | 8   |
| Dock Connectors                       | (2) USB-A 3.2 Gen1, USB-A 3.2 Gen1 BC 1.2, USB-C PD Charging, (2) HDMI, RJ45, 3.5mm |
| Side A - Connector 1                  | USB C (FEMALE)  |
| Side B - Connector 1                  | (2) HDMI (FEMALE)   |
| Side B - Connector 2                  | RJ45 (FEMALE)   |
| Side B - Connector 3                  | (3) USB A (FEMALE)  |
| Side B - Connector 4                  | 3.5MM (FEMALE)  |
| <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 3.2 Gen 1 (up to 5 Gbps) |
| Ethernet Support                     | Yes  |
| UASP Support                         | No   |
| Auto MDIX Support                    | Yes  |
| Full Duplex Support                  | Yes  |
| Suspend Mode Support                 | Yes  |
| Remote Wakeup Support                | Yes  |
| Driver Required                      | Yes  |
| Recommended Category Cable           | Cat6 Cables  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |  |
| External Power Supply Certifications | CE; GS; TUV; UL; cUL                                 |
| Product Compliance                   | RoHS; REACH; FCC (USA)                               |
| <b>WARRANTY &amp; SUPPORT</b>        |  |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                              |