

## 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