

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 - 5K 60 Hz DP, 4K 60 Hz HDMI, USB 3.2 Gen 1, USB-A/C Hub, GbE, 85W PD Charging

MODEL NUMBER: U442-DOCK21-B



USB-C dock with DisplayLink technology and 14 ports lets you mirror or extend video from your laptop or PC across 2 monitors simultaneously.

Features

USB-C Docking Station Turns Your Device's USB or Thunderbolt 3/4 Port into 14 New Ports This universal USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, smartphone or PC's USB-A, USB-C or Thunderbolt 3/4 port. Connect the docking station using the included USB-C cable, and add 14 ports to your device: (2) 4K HDMI (2) 4K DisplayPort RJ45 Gigabit Ethernet (4) USB 3.2 Gen 1 with 5V/1.5A (7.5W) Fast Charging USB-C PD Charging USB-C data (2) 3.5 mm stereo

Transmits Crystal-Clear True 5K/4K Video and Digital Audio with 4:4:4 Color The HDMI and DisplayPort (DP) outputs support true 4K resolutions up to 4096 x 2160 at 60 Hz with 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. When both DP outputs are connected to one DP monitor, that monitor will support 5K video up to 5120 x 2880 at 60 Hz.

DisplayLink Technology Allows Connection of Multiple Displays By downloading and installing the proper DisplayLink drivers to your host device, you may connect two external 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. Connect multiple monitors (dual 4K @ 60 Hz DP; dual 4K @ 60 Hz HDMI; or 4K @ 60 Hz DP and 4K @ 60 Hz HDMI) in Extended and Mirror modes. Note: Mac OS laptops or computers will only extend to one monitor. The others will be mirrored.

USB Hub Ports Connect Keyboards, Thumb Drives and Other Peripherals One USB-C and five USB-A 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 USB-A port also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-

Highlights

- Supports 5K @ 60 Hz on one DisplayPort monitor (when connected to both DP ports)
- Extends/mirrors 4K @ 60 Hz across 2 DP, 2 HDMI or HDMI/DP monitors simultaneously
- Supports 20V 4.25A (85W) power output for fast-charging large-capacity mobile devices
- Connects you to a wired 10/100/1000 Ethernet network when no Wi-Fi is available
- USB-C and USB-A hub ports allow connection of flash drives and other peripherals

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 3/4 port and DisplayLink drivers installed
- Display devices with HDMI and/or DisplayPort input
- Any major operating system

Package Includes

- U442-DOCK21-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, 1.8A; Output: 20V 6.75A)
- C5 to NEMA 5-15P Adapter, 5 ft.
- Owner's manual

charging your mobile device. 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 2.0 charging of connected PD Charging-compliant devices, such as laptops, Kindles, iPads and Android smartphones, up to 20V 4.25A (85W). 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 Two 3.5 mm mini stereo jacks are convenient for connecting speakers, headphones and/or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

Anti-Theft Lock Protects the 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 3/4 port in either direction for an instant connection every time. A USB-C to USB-A adapter is included for connecting the docking station to your host device's USB-A port.

Specifications

OVERVIEW	
UPC Code	037332253477
Product Type	Docking Station
Technology	Cat6; DisplayPort; HDMI
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (FEMALE)
Video Output	DISPLAYPORT (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	(2) DISPLAYPORT (FEMALE); (2) HDMI (FEMALE)
Video Ports Details	DisplayPort 1.2; HDMI 2.0
Resolutions Supported	DisplayPort (Single): 4K 60Hz (4096 x 2160) DisplayPort (Dual): 5K 60Hz (5120 x 2880) HDMI (Dual & Single): 4K 60Hz (4096 x 2160)
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 5120x2880 (5K)
Max Supported Video Resolution	Dual DP: 5120 x 2880@60Hz; Single DP: 4096 x 2160@60Hz; Dual/Single HDMI: 4096 x 2160@60Hz; DP/HDMI: 4096 x 2160@60Hz
Extended Mode	Yes
Extended Mode Details	2x DisplayPort (5K 60Hz) 2x HDMI (4K 60Hz) 1x DisplayPort (4K 60Hz) + 1x HDMI (4K 60Hz)

Mirror Mode	Yes
Mirror Mode Details	2x DisplayPort (5K 60Hz)2x HDMI (4K 60Hz)1x DisplayPort (4K 60Hz) + 1x HDMI (4K 60Hz)
HDR Support	No
3D Video Supported	Yes
AUDIO	
Audio Ports	(2) 3.5MM (FEMALE)
Audio Ports Details	Separate 3.5 mm mini stereo jacks for speakers and microphone
Audio Specification	2.1 Channel Surround Sound, TRRS
DATA	
Data Ports	(1) USB C (FEMALE); (5) USB A (FEMALE)
Data Ports Details	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (5) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
INPUT	
AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.8A
AC Power Adapter Output Specs (V / A)	20V / 6.75A
AC Power Adapter Cord Length (ft.)	5.25
AC Power Adapter Cord Length (m)	1.6
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Bus Powered	No
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Source Type	AC Adapter with detachable power cord
AC Adapter	Input: 100–240V, 50/60 Hz, 1.8A; Output: 20V, 6.75A
DC Barrel Plug	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve

Power Consumption (Watts)	15.00
Output Volt/Amp (from external power supply)	20V/6.75A
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	2.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power (Blue), USB Connection (Green)
CHARGING	
Number of Charging Ports	6
Total Charging Watts	100
Charging Port Type	(5) USB A (FEMALE); USB C (FEMALE)
Charging Ports	USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 2.0)
Charging Ports Details	(4) USB-A ports support 5V/0.9A (4.5W) charging(1) USB-A port supports 5V/1.5A (7.5W) charging and Apple Charging 5V/2.4A (12A)(1) USB-C port supports 5V/1.5A (7.5W) chargingCharge host with PD 2.0 charging (5/9/15V, 3A; 20V/4.25A) up to 85W
Charging Ports / Amps	(4) 0.9A; (2) 1.5A; 2.4A
PHYSICAL	
Color	Black
Material of Construction	Polycarbonate, ABS
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	5.0mm
Cable Length (ft.)	3.28
Cable Length (m)	1.00
Shipping Dimensions (hwd / in.)	9.65 x 5.71 x 3.54
Unit Dimensions (hwd / in.)	9.840 x 3.240 x 1.360
Unit Packaging Type	Box
Unit Weight (lbs.)	0.86
Unit Weight (kg)	0.39
ENVIRONMENTAL	
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 Ports: 5V/0.9A (4.5W), USB3.0-A Fast Charging Port: 5V/1.5A (7.5W); USB-C: 5V/1.5A (7.5W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
CONNECTIONS	
Number of Ports	15
Ports	1
Ports Detail	RJ45 port supports true 10/100/1000 Mbps (Gigabit) network speeds
Dock Connectors	USB-C, USB-C PD Charging, (4) USB-A 3.2 Gen1, USB-A 3.2 Gen1 BC 1.2, (2) DisplayPort, (2) HDMI, (2) 3.5mm, RJ45
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	(2) DISPLAYPORT (FEMALE); (2) HDMI (FEMALE)
Side B - Connector 2	(5) USB A (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	(2) 3.5MM (FEMALE)
Side B - Connector 5	USB C (FEMALE)
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	5
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Multi-Resolution Support	Yes
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
Displayport Specification	1.2
Driver Required	Yes
Recommended Category Cable	Cat6 Cables
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; GS; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA)

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	3-year limited warranty
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