

USB-C Dock, Triple Display - 4K HDMI/DisplayPort, VGA, USB 3.2 Gen 1, USB- A/USB-C Hub, GbE, 100W PD Charging, International Power Cables

MODEL NUMBER: U442-DOCK4-INT



USB-C docking station with PD Charging adds HDMI, DP, VGA, USB 3.2, Ethernet and audio ports to your Windows laptop or PC.

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 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-C DisplayPort Alternate Mode for Transmitting 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 a compatible monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 4K Video and Digital Audio

The HDMI and DisplayPort (DP) outputs support Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz. A Mini DisplayPort (mDP) or DVI display may also be connected using a DP-to-mDP or HDMI-to-DVI adapter (sold separately).

DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays

By connecting the detachable USB-C cable to a source that supports DisplayPort MST Mode, you may connect up to three displays simultaneously. This allows you to display the same image on all monitors, extend your host desktop across all with different windows open on each, or combine all into one large display as a video wall. See the included owner's manual for various combinations and video resolutions.

Note: For a triple-monitor installation, all three display outputs must be connected to the U442-DOCK4-INT before connecting the included power supply and powering on the dock. If only two of the three connected displays are operating, power must be cycled by removing power from the unit while all three displays are still connected, and then reconnecting the power supply.

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals

One USB-C and four USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and

Highlights

- Connects 3 displays at the same time for easy multitasking and increasing productivity
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear video
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C and USB-A data ports allow connection of flash drives and other peripherals

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with DisplayPort, HDMI, VGA, Mini DisplayPort* or DVI* input
- Not for use with Thunderbolt monitors

*Requires adapter (sold separately)

Package Includes

- U442-DOCK4-INT USB-C Dock, Triple Display
- USB-C cable (M/M), 2.6 ft. (0.8 m)
- External power supply (Input: 100–240V, 50/60 Hz, 1.8A; Output: 20V 3.6A)
- (2) International power cables (Europe, U.K.)
- Owner's manual



printers. They support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps (10 times faster than USB 2.0) and are backward compatible with USB 2.0 and USB 1.1 devices. One port also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device.

PD Charging Port Charges the Connected Notebook, Tablet or Other Device

The USB-C port supports Power Delivery (PD) 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.

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 jacks are convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

Ready to Use Right Out of the Package

The plug-and-play USB-C dock is specifically designed for use with PCs, 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 and installed. It's slightly larger than an average smartphone, but compact enough to fit easily into your desk space without taking up much valuable room.

Specifications

OVERVIEW	
UPC Code	037332273062
Product Type	Docking Station
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; USB 3.x; VGA/SVGA
Host Connector	USB C (FEMALE)
VIDEO	
Video Input	USB C (FEMALE)
Video Output	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 1.4
Resolutions Supported	DisplayPort: 4K 30Hz (3840 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	HDMI/DP: 3840 X 2160 @ 30HZ; VGA: 1920 X 1200 @ 60HZ
Extended Mode	Yes



Extended Mode Details	Supports single, double and triple display video outputs from a Windows PC that supports MST:- Dual Display: HDMI (up to 1920 x 1080 @ 60 Hz) + VGA (up to 1920 x 1200 @ 60 Hz), HDMI (up to 1920 x 1080 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz), or VGA (up to 1920 x 1200 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz)- Triple Display: Supports 3 displays under MST mode. Displays share max 10.8 Gbps bandwidth (ex: x1 display at 1080p/60Hz + dual 720p/60Hz)Note: Some host PC's only support up to 3 displays total. If necessary the display of the host PC should be turned off in order to support the three connected displays.
Mirror Mode	Yes
Mirror Mode Details	Supports single, double and triple display video outputs from a Windows PC that supports MST:- Dual Display: HDMI (up to 1920 x 1080 @ 60 Hz) + VGA (up to 1920 x 1200 @ 60 Hz), HDMI (up to 1920 x 1080 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz), or VGA (up to 1920 x 1200 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz)- Triple Display: Supports 3 displays under MST mode. Displays share max 10.8 Gbps bandwidth (ex: x1 display at 1080p/60Hz + dual 720p/60Hz)Note: Some host PC's only support up to 3 displays total. If necessary the display to the host PC should be turned off in order to support the three external displays.
Max Supported Color Depth	36-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	No
DisplayPort Alt Mode	Yes
AUDIO	
Audio Ports	(2) 3.5MM (FEMALE)
Audio Ports Details	Two 3.5mm audio jacks provide access to a speaker, microphone or headphones
Audio Input	USB-C
Audio Output	3.5mm
Audio Specification	Stereo
DATA	
Data Ports	(3) USB A (FEMALE); USB C (FEMALE)
Data Ports Details	(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)
Network Ports Details	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
Power Source	AC Adapter with detachable power cord
BATTERY	
Battery Charging (5V/1.5A Port)	Yes



POWER	
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.8A
External Power Supply Output Specs (V / A)	20V/3.6A
External Power Supply Cord Length (ft.)	3.94
External Power Supply Cord Length (m.)	1.2
DC Barrel Plug	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	10.00
External Power Supply Plug(s)	BS 1363 UK; CEE 7/16 Schuko
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	100W; 3.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Transmitting Data)
CHARGING	
Number of Charging Ports	4
Total Charging Watts	100
Charging Port Type	(4) USB A (FEMALE); USB C (FEMALE)
Charging Ports Details	The total shared USB charging budget of the x4 USB-A ports and x1 USB-C Data/Charging port is 12W (5V/2.4A)The USB-A Fast Charging port supports up to 7.5W (5V/1.5A)The USB-C Data/PD Charging port supports PD 3.0 Charging up to 100W (20V/5A) and Fast Role Swap
Charging Ports	(2) USB-A: 2A; USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
Charging Ports / Amps	1.5A; 2.4A; 5A
PHYSICAL	
Material of Construction	Aluminum, PVC
Color	Silver
Cable Jacket Rating	VW-1
Shipping Dimensions (hwd / in.)	2.20 x 7.70 x 9.40
Shipping Weight (lbs.)	2.90
Unit Dimensions (hwd / in.)	0.87 x 7.8 x 3.3
Unit Packaging Type	Box
Unit Weight (lbs.)	0.94
Unit Weight (kg)	0.43



ENVIRONMENTAL	
Operating Temperature Range	32 TO 113 F (0 TO 45 C)
Storage Temperature Range	14 TO 158 F (-10 TO 70 C)
BTUs	34.1 BTU/Hr
Operating Humidity Range	10% TO 90% RH, NON-CONDENSING
Storage Humidity Range	10% TO 90% RH, NON-CONDENSING
Power Provided to Connected Device(s)	USB-C PD Port: 20V/5A (100W), USB-A Battery Charging Port: 5V/1.5A (7.5W), x4 USB-A & x1 USB-C Ports: 5V/2.4A (12W)
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
CONNECTIONS	
Number of Ports	12
RJ45 Ports	1
RJ45 Ports Detail	RJ45 port supports true 10/100/1000 Mbps Ethernet network speeds
Dock Connectors	DISPLAYPORT, HDMI, VGA, RJ45 LAN, 2X USB2.0A, 2X 3.5MM, USB-C, 2X USB3.0A
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	(4) USB A (FEMALE)
Side B - Connector 4	(2) 3.5MM (FEMALE)
Side B - Connector 5	USB C (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
Displayport Specification	1.2
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	5
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
UASP Support	No
Auto MDIX Support	Yes



Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
Quick Charge Compliant	No
Multi-Resolution Support	Yes
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Ethernet Support	Yes
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; GS; LPS; TUV; WEEE; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2022 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>