Important Note

It is important that the host PC allows for administrator access when connecting the dock for the first time in order to allow the automatic driver installation to take place. If this is not an option please see the product's web page on https://tripplite.eaton.com to download the drivers manually. The HDMI and VGA ports cannot be used simultaneously when attempting to transmit video to two displays. The host PC must support MST mode in order to transmit extended desktop mode or different video to each display. When connecting to speakers or headphones for the first time, the sound channel will take precedence. Change your audio preference via the host device's System Preference menu.

USB-C Dock, Dual Display - 4K HDMI / mDP, VGA, USB 3.x (5Gbps), USB-A/C Hub, GbE, Memory Card, 100W PD Charging

MODEL NUMBER: **U442-DOCK1-B**











USB-C dock adds HDMI, VGA, mDP, USB, PD Charging and other ports to your Chromebook, Windows laptop or PC.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Multiport Workstation This multiport USB-C dock expands the potential of your Windows or Apple laptop or other device with a 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.Please note: The U442-DOCK1 is incompatible while using 2019 Apple MacBook OS Big Sur 11.X.X.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals By connecting the built-in USB-C cable to a source device that supports USB DisplayPort Alt Mode, you can output 4K video and digital audio to a monitor, television or projector without installing special software drivers.

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

Connects Up to 2 Displays at the Same Time Connecting two external monitors simultaneously allows you to display the same image on both monitors, extend your host desktop across both with different windows open on each, or combine both into one large display as a video wall. Connect dual monitors in Extended (4K @ 30 Hz mDP with 1080p HDMI or 720p VGA) and Mirror (1080p mDP with 1080p HDMI or 1080p VGA) modes. HDMI and VGA video ports will not work simultaneously.

Highlights

- Connects 2 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
- Provides 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C, USB-A and memory card readers allow connection of flash drives and other peripherals

Applications

- Play video from your laptop or PC on an HDMI, VGA or mDP display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Transfer data to and from a USB flash drive, Micro SD or SD/MMC memory card
- 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 Mode
- Display device with DisplayPort*, Mini DisplayPort, VGA, DVI* or HDMI input

Package Includes

- U442-DOCK1-B USB-C Docking Station, Dual Display, Black
- Owner's manual

Connects USB Peripherals The USB-A hub ports accept up to three USB peripherals, such as flash drives, mice, keyboards and printers. They 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. The total charging output of the three ports is 10 Watts, with one port supporting 5V/1.5A (7.5W) fast charging. The other two ports share 5W max. Note: Host must support USB OTG (On-the-Go).

PD 3.0 Fast Role Swap Charging Port Charges Connected Device via AC Wall Charger The USB-C Power Delivery port supports power output up to 20V 5A (100W), which is sufficient for charging and powering the connected source device, such as an Android smartphone or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. 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 no Wi-Fi is available 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 Audio Equipment The USB-C dock's 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.

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.

Built-In 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.

Ready to Use Right Out of the Package The plug-and-play USB-C dock for Windows laptops, Chromebooks and other devices requires no software or external power. Drivers will install automatically the first time the dock is connected (Note: the host computer must have administrative rights or the drivers may fail to install correctly). The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

Specifications

OVERVIEW	
UPC Code	037332209153
Product Type	Docking Station
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; VGA/SVGA; USB 3.x
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Number of Monitors Supported	2
Video Ports	MINI DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	DisplayPort 1.2; HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (3840 x 2160)Mini DisplayPort: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	MDP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Extended Mode	Yes

Extended Mode Details	Extend a desktop from an MST Mode-compatible host computer to multiple connected displays in the following configurations:1x Mini DP (4K 30Hz) + 1x HDMI (1080P 60Hz)1x Mini DP (4K 30Hz) + 1x VGA (720P 60Hz)Note: The VGA port and HDMI port cannot be used simultaneously. MST Mode is required to extend a desktop across two connected displays. When two monitors are connected with different resolutions, the monitor with the lower resolution may not function due to a limitation of 10.8G total bandwidth between the two displays. When attempting to connect the dock to a Mac OS computer with two video ports in use, only the mDP port will be detected due to Mac OS not supporting MST Mode.
Mirror Mode	Yes
Mirror Mode Details	Mirror video output from the host computer to multiple connected displays via SST Mode in the following configurations1x Mini DP (4K 30Hz) + 1x HDMI (1080P 60Hz)1x Mini DP (4K 30Hz) + 1x VGA (720P 60Hz)Note: The VGA port and HDMI port cannot be used simultaneously. When two monitors are connected with different resolutions, the monitor with the lower resolution may not function due to a limitation of 10.8G total bandwidth between the two displays. When attempting to connect the dock to a Mac OS computer with two video ports in use, only the mDP port will be detected. This can be resolved by connecting the dock to the computer first and then plugging in each display one by one.
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	No
AUDIO	
Audio Ports	3.5MM (FEMALE)
Audio Ports Details	3.5mm Combo Stereo Audio / Microphone Jack
DATA	
Data Ports	(3) USB A (FEMALE)
Data Ports Details	(3) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)
Card Slots Details	Memory Card slots (SD and MicroSD) cannot be used simultaneouslySupports Secure Digital v.30 (SD 3.0) UHS-I (Ultra High Speed): SDR12 (12.5Mbyte/second)/SDR25 (25Mbyte/second)/SDR50 (50Mbyte/second)/SDR104 (104Mbyte/second)
INPUT	
Bus Powered	Yes
Product Length (in.)	8.3
Product Length (cm.)	21.08
Product Length (ft.)	0.69

Product Length (m)	0.21
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Consumption (Watts)	5
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
CONNECTIONS	
Number of Ports	11
Dock Connectors	(3) USB-A 3.2 Gen 1, 3.5mm Stereo, RJ45, HDMI, Mini DisplayPort, VGA, MICRO SD, SD, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)
Side B - Connector 2	(3) USB A (FEMALE)
Side B - Connector 3	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 4	RJ45 (FEMALE)
Side B - Connector 5	USB C (FEMALE)
Side B - Connector 6	3.5MM (FEMALE)
Connector Plating	Nickel
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Port: Green (Power), Orange (Link)
CHARGING	
Number of Charging Ports	4
Total Charging Watts	100
Charging Port Type	(3) USB A (FEMALE); USB C (FEMALE)
Charging Ports	USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
Charging Ports / Amps	1.5A; 5A
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet
PHYSICAL	
Color	Black
Material of Construction	Aluminum, PVC
Cable Jacket Color	Black

Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.3mm
Wire Gauge (AWG)	34+32+24
Cable Length (ft.)	0.43
Cable Length (m)	0.13
Cable Length (in.)	5.15
Cable Length (cm)	13.1
Total Number of Ports	11
Shipping Dimensions (hwd / in.)	0.90 x 5.20 x 6.50
Shipping Dimensions (hwd / cm)	2.29 x 13.21 x 16.51
Shipping Weight (lbs.)	0.50
Shipping Weight (kg)	0.23
Unit Dimensions (hwd / in.)	0.670 x 5.390 x 2.950
Unit Packaging Type	Box
Unit Weight (lbs.)	0.22
Unit Weight (kg)	0.10
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
BTUs	17.1 BTU/Hr
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB Fast Charging: 5V/1.5A (7.5W), USB-A: 5V/1A (5W), USB-C PD: 20V/5A (100W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Ethernet Support	Yes
UASP Support	No

Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
SD Card Specification	SD; Micro SD
Displayport Specification	1.2
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Certifications	EN 55024; EN 55032
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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