Important Note

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.

USB-C Dock - 4K HDMI, VGA, USB 3.x (5Gbps), USB-A/C Hub, Gigabit Ethernet, Memory Card Slots, 100W PD Charging

MODEL NUMBER: **U442-DOCK3-B**











USB-C docking station adds HDMI, VGA, 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 USB-C dock with PD Charging expands the potential of your Chromebook or Windows laptop's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video and digital audio to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging 3.0-compliant mobile device, connecting to a Gigabit Ethernet network and a lot more—all at the same time.Please note: The U442-DOCK3-B is incompatible while using 2019 Apple MacBook OS Big Sur 11.X.X.

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

Transmits Crystal-Clear 4K Video and Digital Audio to an HDMI Monitor To send digital audio and Ultra High Definition video to a 4K-ready HDMI television, projector or monitor, connect the corresponding port to the display using an HDMI cable (sold separately). The HDMI port supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. Only one monitor may be connected at a time. A DVI display may be connected to the HDMI port using an HDMI to DVI adapter (sold separately).

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals The two USB-A hub ports and single USB-C data port accept USB peripherals, such as flash drives, mice, keyboards and printers, and share a maximum 10W (5V 2A) of power. 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. One USB-A port also supports 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device. Note: Host must support USB OTG (On-the-Go).

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear HDMI video
- Joins a wired Gigabit Ethernet network when no Wi-Fi is available
- Supports 20V 5A (100W) power output for fast-charging the host device
- USB-C, USB-A and memory card ports allow connection of flash drives and other peripherals

Applications

- Play video from your laptop or PC on an HDMI or VGA display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Upload data from your notebook or download data from the Ethernet at true 10/100/1000 Mbps Ethernet speeds
- Transfer data to and from a USB flash drive or 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 USB microphone/headset to record a podcast or listen to music

System Requirements

- Source laptop/computer with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with VGA, DVI* or HDMI input

*Requires adapter (sold separately)

Package Includes

- U442-DOCK3-B USB-C Docking Station, Black
- Owner's manual

PD Charging Port Charges the Connected Notebook, Tablet or Other Device The USB-C port also supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as Chromebooks, 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. 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 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.

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. Only one memory card slot can be used at a time.

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. The built-in cable tucks away beneath the compact unit for safe carrying in a pocket, briefcase or laptop bag.

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	037332213495
Product Type	Docking Station
Device Compatibility	Amazon Kindle; Chromebook; Computer; DVR; Laptop; Monitor/HDTV; Phone; Printer; Projector; Tablet; Watch
Technology	Cat5/5e; Cat6; HDMI; USB 3.x; VGA/SVGA
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HD15 (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Recommended Cabling	P568-Series 4K HDMI CablesP502-Series 1080P VGA Cables

Extended Mode	Yes
Extended Mode Details	Extend a desktop to a single connected HDMI or VGA display at the following resolutions:HDMI: 3840 x 2160 (4K x 2K) @ 30 HzVGA: 1920 x 1200 (1080p) @ 60 HzNote: The U442-DOCK3-B is not capable of extending a desktop accross two connected displays. Connecting two displays at once will instead result in both displays mirroring the same image.
Mirror Mode	Yes
Mirror Mode Details	Transmit mirrored video content to a connected HDMI or VGA display at the following resolutions:HDMI: 3840 x 2160 (4K x 2K) @ 30 HzVGA: 1920 x 1200 (1080p) @ 60 HzHDMI + VGA (Dual Output): 1080p both displays
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	No
DATA	
Data Ports	(1) USB C (FEMALE); (2) USB A (FEMALE)
Data Ports Details	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (2) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
Network Ports Details	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)
Card Slots Details	Supports SD 3.0 / SDHC / SDXC (Up to 128Gb)Memory Card slots (SD and MicroSD) cannot be used simultaneously
INPUT	
Bus Powered	Yes
Product Length (in.)	9.4
Product Length (cm.)	23.88
Product Length (ft.)	0.78
Product Length (m)	0.24
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	

Power Consumption (Watts)	5.00
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
CONNECTIONS	
Number of Ports	9
Ports	1
Ports Detail	Connect to a wired Gigabit Ethernet network (10/100/1000Mbps) via the RJ45 port on the dock
Dock Connectors	USB-C Data, USB-A 3.0, USB-A 3.0 BC 1.2, MICRO SD, SD, HDMI, VGA, RJ45, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	HD15 (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	(2) USB C (FEMALE)
Side B - Connector 5	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 6	(2) USB A (FEMALE)
Connector Plating	Nickel
Connector Style	Straight
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power) and Orange (Activity)
CHARGING	
Number of Charging Ports	4
Total Charging Watts	100
Charging Port Type	(2) USB A (FEMALE); (2) USB C (FEMALE)
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Charging Ports Details	(1) USB-C PD 3.0 charging port supports charging of the host device up to 100W (20V/5A), including Fast-Role Swap(1) USB-A port supports 7.5W (5V/1.5A) fast-charging of mobile devices(1) USB-A port supports 4.5W (5V/0.9A)The USB ports share a maximum total charging output of 12W (5V/2.4A)
Charging Ports / Amps	1.5A; 5A
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet
PHYSICAL	
Color	Black
Material of Construction	ABS
Cable Jacket Color	Black

Connector Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	8.4mm
Cable Length (ft.)	0.36
Cable Length (m)	0.11
Cable Length (in.)	4.29
Cable Length (cm)	10.9
Total Number of Ports	9
Shipping Dimensions (hwd / in.)	0.79 x 5.51 x 3.35
Shipping Dimensions (hwd / cm)	2.01 x 14.00 x 8.51
Shipping Weight (lbs.)	0.26
Shipping Weight (kg)	0.12
Unit Dimensions (hwd / in.)	0.550 x 4.800 x 2.800
Unit Dimensions (hwd / cm)	1.4 x 12.2 x 7.0
Unit Dimensions (hwd / mm)	14 x 122 x 70
Unit Packaging Type	Box
Unit Weight (lbs.)	0.20
Unit Weight (kg)	0.09
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-A: 5V/0.9A (4.5W), USB-A: 5V/1.5A (7.5W), USB-C PD: 20V/5W (100W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
EDID Compatible	Yes
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)

Data Transfer Rate	5 Gbps
Integrated/Removable Cable	Yes
MST Support	Yes
Multi-Resolution Support	No
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	No
Full Duplex Support	No
Suspend Mode Support	No
Remote Wakeup Support	No
SD Card Specification	SD; Micro SD
HDCP Specification	1.4
Driver Required	Yes
Recommended Category Cable	N201-Series 24AWG Cat6 Cables
Built-in Cable Management	Yes
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Certifications	EN 55032; ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS3; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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