TRIPP·LITE
by EATON

Important Note

A computer running Windows that also supports MST Mode may mirror, extend or show different images on connected displays. If your system runs macOS, external monitors will only support Mirror Mode.

USB-C Dock, Triple Display - 4K 60 Hz HDMI/DisplayPort, USB 3.2 Gen 2, USB-A/USB-C Hub, GbE, 85W PD Charging, EU/UK Power Adapters

MODEL NUMBER: **U442-DOCK8-BINT**

10-port USB-C docking station lets you mirror or extend video from your MacBook Pro or Windows laptop across as many as 3 different displays.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into 10 New Ports
This universal USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, MacBook Pro, smartphone or PC's USB-C or Thunderbolt 3 port. Connect the dock using the included USB-C cable, and add 10 ports to your device:4K HDMI(2x) 4K DisplayPortRJ45 Gigabit EthernetUSB 3.2 Gen 2 Type-C(3x) USB 3.2 Gen 2 Type-AUSB-C PD charging3.5 mm mini stereo

Supports USB-C DisplayPort Alternate Mode for Transmitting Audio/Video Signals
By connecting the included 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 or 5K Video and Digital Audio with 4:4:4 Color
The DisplayPort and HDMI outputs support single-monitor 4K resolutions up to 3840 x 2160 at 60 Hz with 2.1-channel surround sound. Both DisplayPort outputs can be connected to a single display in order to transmit 5K video. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This dock also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Various DisplayPort Versions Allow Connection of Multiple Displays
By connecting the detachable USB-C cable to a source that supports DisplayPort 1.2 HBR2, DisplayPort 1.4 HBR3 or DisplayPort 1.4 HBR3 with DSC support, 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.

Highlights

- HDMI and DisplayPort outputs each support single-monitor 4K applications @ 60 Hz
- Extends 1080p desktop image across 3 screens @ 30 Hz and 2 screens @ 60 Hz
- 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
- Power Delivery port supports 20V 4.25A (85W) power output for charging host device

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device(s) with DisplayPort and/or HDMI input

Package Includes

- U442-DOCK8-BINT USB-C Dock, Triple Display, Black
- USB-C to USB-C cable, 1 m (3.3 ft.)
- External power supply (Input: 100¬–240V, 50/60 Hz, 2A; Output: 20V 5A)
- (2) International power adapters (BS 1363 U.K., CEE 7/7 Schuko EU)
- Owner's manual

Note: *See Cable Matrix in the included Owner's Manual (also downloadable in PDF format from this page) for more information.*

USB 3.2 Gen 2 Ports Connect Keyboards, Thumb Drives and Other Peripherals
Three USB-A ports and one USB-C port accept USB peripherals, such as flash drives, RAID storage, mice and keyboards. All four ports support USB 3.2 Gen 2 data transfer rates up to 10 Gbps and are backward compatible with previous USB generations. One USB-A port also supports 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device. **Note**: *Host device must support USB OTG (On-the-Go).*

PD Charging Port Charges the Connected Notebook, Tablet or Other Device
A second USB-C port supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as laptops, Kindles, iPads and Android smartphones. Connect the source device to the USB-C PD port, which supports power input up to 20V 4.25A (85W). **Note**: *USB-C PD 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.

Connects Speakers, Microphone and Other Audio Equipment
The USB-C docking station'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.

Anti-Theft Lock Protects the USB-C Docking Station When You Aren't Around
Connect a user-supplied computer/laptop security cable lock (not included) to this port to protect the dock against theft.

Ready to Use Right Out of the Package
The plug-and-play USB-C dock is specifically designed for use with 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 or installed. Its compact footprint fits easily into your desk space without taking up much valuable room. The external power supply comes with U.K. (BS 1363) and European (CEE 7/7 Schuko) plug adapters.

Specifications

OVERVIEW	
UPC Code	037332272362
Product Type	Docking Station
Device Compatibility	Chromebook; Computer; DVR; Headphones; Laptop; Monitor/HDTV; Phone; Projector; Tablet
Technology	Cat5/5e; Cat6; Cat6a; DisplayPort; HDMI; Thunderbolt; USB 2.0 (High Speed); USB 3.x
Country/Region	Europe
Host Connector	USB C (MALE)

VIDEO	
Video Input	USB C (MALE)
Video Output	DISPLAYPORT (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3

Video Ports	(2) DISPLAYPORT (FEMALE); HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 1.4; HDCP 2.2; DisplayPort 1.2
Resolutions Supported	The maximum video resolution supported on each video output is dependent on the graphics card capabilities of the host. The U442-DOCK8-BINT supports host devices with DP 1.2 (HBR2), DP 1.4 (HBR3) or DP 1.4 (HBR3 DSC1.2) graphics capabilities. The maximum single-display video outputs under each are as follows:**USB-C DP 1.2 (HBR2):**HDMI: 3840 x 2160 (4K x 2K) @ 30 HzDisplayPort: 3840 x 2160 (4K x 2K) @ 30 Hz**USB-C DP 1.4 (HBR3):**HDMI: 3840 x 2160 (4K x 2K) @ 60 HzDisplayPort: 3840 x 2160 (4K x 2K) @ 60 Hz**USB-C DP 1.4 (HBR3 DSC 1.2):**HDMI: 3840 x 2160 (4K x 2K) @ 60 HzDisplayPort: 5120 x 2880 (5K) @ 30 HzDisplayPort (both ports connected to a single monitor): 5120 x 2880 (5K) @ 60 Hz*Note: Requires two 5K-compatible DisplayPort cables to be connected to a single 5K-compatible display simultaneously. Sold separately, see **Recommended Cabling** for details.
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 5120x2880 (5K)
Max Supported Video Resolution	HDMI/DP: 3840 x 2160 @30Hz
Recommended Cabling	P569-Series HDMI CablingP580-Series DisplayPort Cabling
Extended Mode	Yes
Extended Mode Details	**Extend the Host Laptop or Computer's Desktop Across Multiple Displays**Capable of extending a desktop or transmitting different video to multiple displays using MST Mode on a Windows source. The video output quality and combinations is determined by the graphics card and video transmission capabilities of the host computer. The following video outputs are supported:**USB-C DP 1.2 (HBR2):**HDMI (1080p @ 60 Hz) + DP1 (1080p @ 60 Hz)DP1 (1080p @ 60 Hz) + DP2 (1080p @ 60 Hz)HDMI (1080p @ 30 Hz) + DP1 (1080p @ 30 Hz) + DP2 (1080p @ 30 Hz)**USB-C DP 1.4 (HBR3):**HDMI (1440p @ 60 Hz) + DP1 (1440p @ 60 Hz)DP1 (1440p @ 60 Hz) + DP2 (1440p @ 60 Hz)HDMI (1080p @ 60 Hz) + DP1 (1080p @ 60 Hz) + DP2 (1080p @ 60 Hz)**USB-C DP 1.4 (HBR3 DSC 1.2):**HDMI (4K @ 60 Hz) + DP1 (4K @ 60 Hz)DP1 (4K @ 60 Hz) + DP2 (4K @ 60 Hz)HDMI (4K @ 30 Hz) + DP1 (4K @ 30 Hz) + DP2 (4K @ 30 Hz)Note: Extending a desktop and transmitting different video content to multiple displays using MST Mode is only supported on Windows sources. Mac OS devices are only capable of extending across a single display with any additional connected displays being mirrored via SST Mode. The U442-DOCK8-BINT is capable of transmitting video content to up to three displays. A compatible laptop can utilize its internal display along with two connected displays, or transmit to three connected displays only. Compatible video cables are required and sold separately, see **Recommended Cabling** for details.
Mirror Mode	Yes
Mirror Mode Details	**Mirror Video Output from a Host Laptop or Computer Across Multiple Displays**Capable of mirroring the video output from the host to multiple displays. The video output quality and combinations is determined by the graphics card and video transmission capabilities of the host computer. The following video outputs are supported:**USB-C DP 1.2 (HBR2):**HDMI (1080p @ 60 Hz) + DP1 (1080p @ 60 Hz)DP1 (1080p @ 60 Hz) + DP2 (1080p @ 60 Hz)HDMI (1080p @ 30 Hz) + DP1 (1080p @ 30 Hz) + DP2 (1080p @ 30 Hz)**USB-C DP 1.4 (HBR3):**HDMI (1440p @ 60 Hz) + DP1 (1440p @ 60 Hz)DP1 (1440p @ 60 Hz) + DP2 (1440p @ 60 Hz)HDMI (1080p @ 60 Hz) + DP1 (1080p @ 60 Hz) + DP2 (1080p @ 60 Hz)**USB-C DP 1.4 (HBR3 DSC 1.2):**HDMI (4K @ 60 Hz) + DP1 (4K @ 60 Hz)DP1 (4K @ 60 Hz) + DP2 (4K @ 60 Hz)HDMI (4K @ 30 Hz) + DP1 (4K @ 30 Hz) + DP2 (4K @ 30 Hz)Note: Extending a desktop and transmitting different video content to multiple displays using MST Mode is only supported on Windows sources. Mac OS devices are only capable of mirrored content via SST Mode. The U442-DOCK8-B is capable of transmitting video content to up to three displays. A compatible laptop can utilize its internal display along with two connected displays, or transmit to three connected displays only. Compatible video cables are required and sold separately, see **Recommended Cabling** for details.
Max Supported Color Depth	36-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Ports	3.5MM (FEMALE)

Audio Ports Details	Mini stereo jack supports speakers, headphones or a microphone
Audio Specification	Supports 2.1 channel surround sound

DATA	
Data Ports	(2) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(2) USB-A - USB 3.2 Gen 2 (10 Gbps); (1) USB-C - USB 3.2 Gen 2 (10 Gbps)

NETWORK	
Network Ports	RJ45 (FEMALE)

INPUT	
AC Power Adapter Plug(s)	BS 1363 UK; CEE 7/7 Schuko
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

BATTERY	
Battery Charging (5V/1.5A Port)	Yes

POWER	
Power Source Type	AC Adapter with detachable power cord
DC Barrel Plug	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve
Output Volt/Amp (from external power supply)	20V/5A
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power (Blue), RJ45 Port: Green (Connection) / Orange (Activity)

CHARGING	
Number of Charging Ports	4
Total Charging Watts	85
Charging Port Type	(2) USB A (FEMALE); (2) USB C (FEMALE)

Charging Ports	USB-A: 5V 1.5A (7.5W); USB-C: 85W Power Delivery (PD 3.0)
Charging Ports Details	1 x USB-C 3.2 Gen 2 port (5V/1.5A)2 x USB-A 3.2 Gen 2 ports (5V/0.9A)1 x USB-A 3.2 Gen 2 port with Battery Charging (5V/1.5A) and Apple Charge 2.4A
Charging Ports / Amps	1.5A; 4.2A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL

Color	Black
Material of Construction	Polycarbonate, ABS
Total Number of Ports	10
Shipping Dimensions (hwd / in.)	3.60 x 11.50 x 5.70
Shipping Weight (lbs.)	3.30
Unit Dimensions (hwd / in.)	3.600 x 11.500 x 5.700
Unit Packaging Type	Box
Unit Weight (lbs.)	0.55
Unit Weight (kg)	0.25

ENVIRONMENTAL

Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Operating Humidity Range	0% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-C Input: 85W (20V/4.25A), USB-A: 7.5W (5V/1.5A)

COMMUNICATIONS

Network Compatibility	1 Gbps (Gigabit)
EDID Compatible	Yes

CONNECTIONS

Number of Ports	10
Side A - Connector 1	3.5MM (FEMALE)
Side A - Connector 2	USB C (FEMALE)
Side A - Connector 3	USB A (FEMALE)
Side B - Connector 1	USB C (FEMALE)
Side B - Connector 2	(2) DISPLAYPORT (FEMALE)
Side B - Connector 3	HDMI (FEMALE)
Side B - Connector 4	RJ45 (FEMALE)

Side B - Connector 5	(2) USB A (FEMALE)
Connector Plating	Nickel

FEATURES & SPECIFICATIONS	
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	5
USB Specification	USB 2.0 (up to 480 Mbps); USB 3.2 Gen 1 (up to 5 Gbps); USB 3.2 Gen 2 (Up to 10 Gbps)
MST Support	Yes
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	1.4
HDCP Specification	1.4; 2.2
Driver Required	No
Recommended Category Cable	Cat5, Cat6 Cables

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; GS; TUV; UL; cUL
Product Compliance	RoHS; RoHS3; CE (Europe); REACH; UKCA; WEEE; FCC (USA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty