USB-C Dock, Triple Display - 4K HDMI/DisplayPort, VGA, USB 3.x (5Gbps), USB-A/C Hub Ports, GbE, 100W PD Charging - Thunderbolt 3, Silver

MODEL NUMBER: **U442-DOCK4-S**











USB-C docking station with PD Charging adds HDMI, VGA, DP, 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 or DVI display may also be connected using a DP to mDP or HDMI to DVI adapter (sold separately).

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 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. Two ports also support 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile devices. ***Note****: Host must support USB OTG (On-the-Go).*

PD Charging Port Charges the Connected Notebook, Tablet or Other Device The USB-C port supports Power Delivery (PD) 2.0 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. ***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

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

Applications

- Extend or mirror your laptop or PC monitor on multiple displays to aid in multitasking and increase productivity
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Save data to a USB-enabled thumb drive or external hard drive
- 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, HDMI, VGA, Mini DisplayPort* or DVI* input
- Not for use with Thunderbolt monitors

*Requires adapter (sold separately)

Note: *It is recommended that the host PC allows for administrator access when connecting the dock for the first time. This allows the built-in drivers to install in the background correctly. Failure to allow this connection to occur properly can result in device malfunctions including unresponsive ports, video transmission failure and inability to*

(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 hub's 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.

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 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 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. It's slightly larger than an average smartphone, but compact enough to fit easily into your desk space without taking up much valuable room. ***Note:*** *It is recommended that the host PC allows for administrator access when connecting the dock for the first time. This allows for the built-in drivers to install in the background correctly.*

connect to a wired Ethernet network.

Package Includes

- U442-DOCK4-S Triple Display USB-C Docking Station
- USB-C cable (M/M), 2.6 ft. (0.8 m)
- External power supply (Input: 100–240V, 50/60 Hz, 1.8A; Max Output: 20V 3.6A)
- C7 to NEMA 1-15P Adapter, 4 ft. (1.2 m)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332213518
Product Type	Docking Station
Device Compatibility	Amazon Kindle; Chromebook; Computer; DVR; Headphones; Laptop; Monitor/HDTV; Phone; Printer; Projector; Tablet; Watch
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; USB 3.x; VGA/SVGA
Country/Region	North America
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (FEMALE)
Video Output	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4; DisplayPort 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); 1920x1200; 3840x2160 (4K)
Max Supported Video Resolution	DP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Recommended Cabling	P568-Series 4K HDMI CablesP502-Series High-Resolution VGA CablesP580-Series 4K DisplayPort Cables
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. When multiple displays are connected and one display is using a higher video resolution than the other(s) there is a chance not all displays will function due to a lack of bandwidth. This can be fixed by connecting each display and setting the resolution one by one.
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. When multiple displays are connected and one display is using a higher video resolution than the other(s) there is a chance not all displays will function due to a lack of bandwidth. This can be fixed by connecting each display and setting the resolution one by one.
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Ports	(2) 3.5MM (FEMALE)
Audio Ports Details	Two 3.5mm audio jacks provide access to a speaker, microphone or headphones
DATA	
Data Ports	(1) USB C (FEMALE); (4) USB A (FEMALE)
Data Ports Details	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (4) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.8A
AC Power Adapter Output Specs (V / A)	20V / 3.6A
AC Power Adapter Cord Length (ft.)	3.94
AC Power Adapter Cord Length (m)	1.2

Input Cord Gauge (AWG)	32
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	
Power Source Type	AC Adapter with detachable power cord
AC Plug Type	NEMA 1-15P
AC Adapter	Input: 100–240V, 50/60 Hz, 1.8A; Max Output: 20V, 3.6A
DC Barrel Plug	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	10
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Transmitting Data)
CHARGING	
Total Charging Watts	100
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Charging Ports / Amps	1.5A; 5A
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet
PHYSICAL	
Color	Silver
Material of Construction	Aluminum, PVC
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.5mm
Wire Gauge (AWG)	32
Cable Length (ft.)	1
Cable Length (m)	0.30
Cable Length (in.)	12

Cable Length (cm)	31
Total Number of Ports	12
Shipping Dimensions (hwd / in.)	2.28 x 9.45 x 7.87
Shipping Weight (lbs.)	3.00
Unit Dimensions (hwd / in.)	0.870 x 7.800 x 3.300
Unit Dimensions (hwd / cm)	2.2 x 19.7 x 8.5
Unit Dimensions (hwd / mm)	22 x 197 x 85
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 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-C PD: 20V/5W (100W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
CONNECTIONS	
Number of Ports	12
Ports	1
Ports Detail	RJ45 port supports true 10/100/1000 Mbps Ethernet network speeds
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	
Overvoltage Protection	No

Over Current Protection	N
USB Hub Ports	Yes
Number of USB Hub Ports	5
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)
MST Support	Yes
Ethernet Support	Yes
Displayport Specification	1.2
HDCP Specification	1.4
Driver Required	Yes
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
External Power Supply Certifications	CE; RoHS; UL; cUL
Product Certifications	ICES (Canada); NOM (Mexico)
Product Compliance	FCC Part 15 Class B (USA); WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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