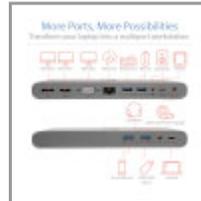# USB-C Dock, Triple Display - 4K HDMI/DisplayPort, VGA, USB 3.x (5Gbps), USB-A/C Hub Ports, GbE, 100W PD Charging, EU/UK Power Supply

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 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)

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 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; Output: 20V 3.6A)
- (2) International power cables (Europe, U.K.), 1.2m (4-ft.)
- Owner's manual

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
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	Global
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); HD15 (FEMALE); HDMI (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	HDMI/DP: 3840 X 2160 @ 30HZ; VGA: 1920 X 1200 @ 60HZ
Recommended Cabling	P568-Series 4K HDMI CablesP502-Series High-Resolution VGA CablesP580-Series 4K DisplayPort Cables
Extended Mode	Yes

Extended Mode Details	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	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	(4) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(4) 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	
AC Power Adapter Plug(s)	BS 1363 UK; CEE 7/16 Schuko
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

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

POWER	
Power Source Type	AC Adapter with detachable power cord
AC Plug Type	BS1363; CEE 7/16 Schuko
DC Barrel Plug	OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	10.00
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0

CONNECTIONS	
Number of Ports	12
Ports	1
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

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	(2) USB-A: 2A; USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
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 / Amps	1.5A; 2.4A; 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.)	2.62
Cable Length (m)	0.80
Cable Length (in.)	31.5
Cable Length (cm)	80
Total Number of Ports	12
Shipping Dimensions (hwd / in.)	2.20 x 7.70 x 9.40
Shipping Weight (lbs.)	2.90
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 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	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x

FEATURES & SPECIFICATIONS

Overvoltage Protection	No

Over Current Protection	N
Quick Charge Compliant	No
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
Multi-Resolution Support	Yes
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
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; GS; LPS; TUV; WEEE; cUL
Product Certifications	ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE

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