USB Dock, Triple Display - 4K HDMI & mDP, VGA, USB 3.x (5Gbps), USB-A/C Hub, GbE, 60W PD Charging

MODEL NUMBER: **U442-DOCK16-B**

USB-C dock with PD Charging connects up to 3 displays to your tablet or Windows laptop and transmits video to all 3 simultaneously.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Workstation This multiport USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, tablet or other device with a USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video and digital audio to multiple large displays, adding a thumb drive and other USB peripherals, powering and charging a PD Charging-compliant mobile device, and connecting to a Gigabit Ethernet network—all at the same time.

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. Note: only one 4K display can be extended in an application. See the owner's manual for various configurations and maximum resolutions.

Transmits Crystal-Clear 4K Video and Digital Audio The HDMI and Mini DisplayPort (mDP) outputs support true 4K resolutions up to 4096 x 2160 at 30 Hz. The VGA port supports HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz.

Extends High-Definition Video Across All 3 External Displays at the Same Time By connecting the self-storing USB-C cable to a source that supports DisplayPort MST (Multi-Stream Transport) mode, you may connect up to three monitors simultaneously. With a Windows source device, you can display the same image on all connected monitors, extend the host desktop across them with different windows open on each, or combine them into one large display as a video wall. Note: macOS laptops or computers will only extend to one monitor. The other monitors will be mirrored. See the owner's manual for various configurations and maximum resolutions.

USB Ports Connect Keyboards, Thumb Drives and Other PeripheralsA USB-A port and a USB-C port accept USB peripherals, such as flash drives, mice, keyboards and printers. Both 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. Note: Host must support USB OTG (On-the-Go).

PD Charging Port Charges the Connected Notebook, Tablet or Other Device The USB-C Power Delivery port supports power output up to 20V 3A (60W), which is sufficient for charging and powering the

Highlights

- Connects 3 displays at the same time for easy multitasking and increasing productivity
- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Supports 20V 3A (60W) power output for fast-charging large-capacity mobile devices
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- 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
- Transfer data to and from a USB flash drive or external hard drive
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- 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 Mini DisplayPort, VGA and/or HDMI input

Package Includes

- U442-DOCK16-B USB-C Dock, Triple Display, Black
- Owner's manual

connected source device, such as an Android smartphone or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. 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 (N201-Series Cat6 cables sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

Self-Storing USB-C Connector Attaches 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 fits within the base of the dock for convenient storage.

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 software or external power source. 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	037332253620
Product Type	Docking Station
Technology	HDMI; Stereo Audio; USB 3.x
Host Connector	USB C (MALE)

VIDEO	
Number of Monitors Supported	3
Video Ports	MINI DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	DisplayPort 1.2; HDMI 1.4; HDCP 1.4
Resolutions Supported	Mini DisplayPort: 4K 30Hz (4096 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	HDMI/mDP: 4096 x 2160 @30Hz; VGA: 1920 x 1080 @60Hz
Extended Mode	Yes
Extended Mode Details	1x HDMI (4K 30Hz) + 1x VGA (1080p 60Hz)1x Mini DP (4K 30Hz) + 1x VGA (1080p 60Hz)1x HDMI (4K 30Hz) + 1x Mini DP (4K30Hz)1x HDMI (1080p 60Hz) + 1x Mini DP (1080p 60Hz) + 1x VGA (1600x900 60Hz)
Mirror Mode	Yes
Mirror Mode Details	1x HDMI (4K 30Hz) + 1x VGA (1080p 60Hz)1x Mini DP (4K 30Hz) + 1x VGA (1080p 60Hz)1x HDMI (4K 30Hz) + 1x Mini DP (4K 30Hz)1x HDMI (1080p 60Hz) + 1x Mini DP (1080p 60Hz) + 1x VGA (1600x900 60Hz)
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4

DATA	
Data Ports	(2) USB A (FEMALE); (1) USB C (FEMALE)

Data Ports Details	(2) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) USB-C - USB 3.2 Gen 1 (5 Gbps)

NETWORK	
Network Ports	RJ45 (FEMALE)

INPUT	
Built-In Cable Length (ft.)	0.49
Built-In Cable Length (m)	0.15
Built-In Cable Length (in.)	5.9
Built-In Cable Length (cm)	15
Bus Powered	Yes

BATTERY	
Battery Charging (5V/1.5A Port)	No

POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0

CONNECTIONS	
Number of Ports	7
Dock Connectors	VGA, HDMI, Mini DisplayPort, (2) USB-A 3.0, RJ45, USB-C PD Charging/Data
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)
Side B - Connector 2	(2) USB A (FEMALE); USB C (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	White (Connection to Power)

CHARGING	
Total Charging Watts	60
Charging Ports	USB-C: 60W (20V 3A) Power Delivery (PD 3.0)
Charging Ports / Amps	(1) 3A

PHYSICAL	
Color	Gray
Material of Construction	Aluminum

Cable Jacket Rating	VW-1
Shipping Dimensions (hwd / in.)	1.50 x 9.00 x 4.00
Shipping Weight (lbs.)	0.51
Unit Dimensions (hwd / in.)	1.310 x 3.860 x 0.450
Unit Packaging Type	Box
Unit Weight (lbs.)	0.15
Unit Weight (kg)	0.07

ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Operating Humidity Range	10% to 90% RH, Non-Condensing
Storage Humidity Range	0% to 95% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-C PD: 20V/3A (60W), USB2.0-A: 5V/0.5A (2.5W)

COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)

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)
MST Support	Yes
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	No
Displayport Specification	1.2
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat6 Cables

STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

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

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