USB-C Dock, Triple Display - 4K HDMI & DP, VGA, USB 3.2 Gen 1, USB-A/C Hub, GbE, 100W PD Charging

MODEL NUMBER: **U442-DOCK7D-B**

USB-C docking station with 14 ports lets you mirror or extend video from your laptop or PC across as many as 3 different displays.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into 14 New Ports This universal USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. Connect the dock using the included USB-C cable, and add 14 ports to your device:4K HDMI4K DisplayPort1080p VGARJ45 Gigabit Ethernet(2) USB 2.0(2) USB 3.0USB 3.0 with BC 1.2USB-C PD ChargingUSB-C data3.5 mm mini stereoSD and Micro SD card slots

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 True 4K Video and Digital Audio with 4:4:4 Color The DisplayPort (DP) output supports true 4K resolutions up to 4096 x 2160 at 30 Hz. The HDMI output supports Ultra HD resolutions up to 3840 x 2160 at 30 Hz. The VGA output supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. This docking station also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

DisplayPort SST and MST Modes Allow Connection of Multiple Displays By connecting the detachable USB-C cable to a source that supports DisplayPort Single-Stream Transport (SST) or Multi-Stream Transport (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. Connect multiple monitors in Extended (4K @ 30 Hz HDMI and 4K @ 30 Hz DP; 1080p HDMI and 1080p VGA; 1080p DP and 1080p VGA; or 720p HDMI, 720p DP and 720p VGA) and Mirror (4K @ 30 Hz HDMI and 4K @ 30 Hz DP; 1080p HDMI and 1080p VGA; 1080p DP and 1080p VGA; or 1080p HDMI, 1080p DP and 1080p VGA) modes. Note: Mac OS laptops or computers will only extend to one monitor. The others will be mirrored.

3 USB 3.2 Gen 1 and 2 USB 2.0 Ports Connect Keyboards, Thumb Drives and Other Peripherals Three USB 3.2 Gen 1 ports accept USB peripherals, such as flash drives, mice, keyboards and printers. They support fast data transfer rates up to 5 Gbps and are backward compatible with USB 2.0 and USB 1.1 devices. One also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to

Highlights

- Extends 720p video across HDMI, DisplayPort and VGA monitors simultaneously
- Mirrors 1080p video across HDMI, DisplayPort and VGA monitors simultaneously
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- Connects you to a wired 10/100/1000 Ethernet network when no Wi-Fi is available
- USB-C, USB-A and memory card 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
- Save data to a USB-enabled thumb 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 DisplayPort, VGA and/or HDMI input

Package Includes

- U442-DOCK7D-B USB-C Dock, Triple Display, Black
- USB-C cable (M/M), 1 ft.
- Owner's manual

fast-charging your mobile device. Two other ports are USB 2.0. 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) 3.0 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 well as the dock's other USB-C port, can also be used for transferring data up to 5 Gbps. PD 3.0 Fast Role Swap technology ensures all data and power connections remain stable if the wall charger becomes accidentally dislodged. 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.

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.

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. You can access both slots at the same time.

Detachable USB-C Cable Connects in Either Direction Connect the reversible USB-C plug to your source device's USB-C or Thunderbolt 3 port. The fumble-free USB-C plug connects in either direction to ensure fast, easy connection every time.

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 your source device 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.

Specifications

OVERVIEW	
UPC Code	037332250698
Product Type	Docking Station
Technology	Cat5/5e; Cat6; Cat6a; Thunderbolt; USB 2.0 (High Speed)
Host Connector	USB C (MALE)
VIDEO	
Number of Monitors Supported	3
Video Ports	DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	DisplayPort 1.2; HDMI 1.4; HDCP 1.4
Resolutions Supported	USB-C (Alt Mode): 4KDisplayPort: 4K 30Hz (4096 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	HDMI/DP: 4096 x 2160 @30Hz, VGA: 1920 x 1200 @60Hz

Extended Mode	Yes
Extended Mode Details	1x HDMI (4K 30Hz) + 1x DP (4K 30Hz)1x HDMI (1080p 60Hz) + 1x VGA (1080p 60Hz)1x DP (1080p 60Hz) + 1x VGA (1080p 60Hz)1x HDMI (720P) + 1x DP (720P) + 1x VGA (720P)
Mirror Mode	Yes
Mirror Mode Details	1x HDMI (4K 30Hz) + 1x DP (4K 30Hz)1x HDMI (1080p) + 1x VGA (1080p)1x DP (1080p) + 1x VGA (1080p)1x HDMI (1080p) + 1x DP (1080p) + 1x VGA (1080p)
HDR Support	No
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Ports	3.5MM (FEMALE)
Audio Ports Details	3.5mm Combo Stereo Audio / Microphone Jack
DATA	
Data Ports	(1) USB C (FEMALE); (5) 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); (3) USB-A - USB 2.0
NETWORK	
Network Ports	RJ45 (FEMALE)
STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)
Card Slots Details	SD 3.0 Memory Card slots (SD and MicroSD) can be used simultaneously
INPUT	
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Consumption (Watts)	18.00
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
External Power Supply	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power (Blue), RJ45: Green (Connected), Orange (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

PHYSICAL	
Material of Construction	ABS
Color	Black
Cable Jacket Rating	VW-1
Shipping Dimensions (hwd / in.)	1.57 x 15.16 x 4.72
Unit Dimensions (hwd / in.)	0.74 x 13.78 x 2.91
Unit Packaging Type	Box
Unit Weight (lbs.)	0.55
Unit Weight (kg)	0.25

ENVIRONMENTAL	
Operating Temperature Range	32 to 113°F (0 to 45°C)
Storage Temperature Range	14 to 158°F (-10 to 70°C)
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 BC 1.2: 5V/1.5A (7.5W), USB-C: 20V/5A (100W)

COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)

CONNECTIONS	
Number of Ports	15
Dock Connectors	(2) USB-C, USB-C PD Charging, (2) USB-A 3.0, USB-A 3.0 BC 1.2, (2) USB-A 2.0,HDMI, DisplayPort, VGA, RJ45, MICRO SD, SD, 3.5mm
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	3.5MM (FEMALE)
Side B - Connector 2	(3) USB 3.0 A (FEMALE); (2) USB A (FEMALE)
Side B - Connector 3	DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE)
Side B - Connector 4	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 5	RJ45 (FEMALE)
Side B - Connector 6	(2) USB C (FEMALE)

Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
Displayport Specification	1.2
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	6
USB Specification	USB 2.0 (up to 480 Mbps); USB 3.0 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat6 Cables
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
SD Card Specification	SD; Micro SD
STANDARDS & COMPLIANCE	
Certification & Compliance	CE (Europe); RoHS; REACH; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty