USB-C Dock, Triple Display - 4K 60 Hz HDMI, 8K DisplayPort, HDR, HDCP 2.3, USB-A/USB-C 3.2 Gen 1/Gen 2, GbE, 100W PD Charging

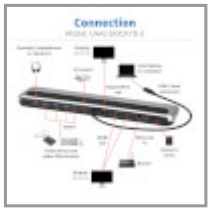
MODEL NUMBER: **U442-DOCK7D-2**











USB-C docking station with multiple ports lets you extend or mirror 4K video from your computer across 3 different displays.

Features

USB-C Docking Station Turns Your Laptop into a Multi-Display Workstation
This professional workspace dock provides an all-in-one solution for expanding the functionality of your laptop with 4K HDMI and 8K DisplayPort video ports, Gigabit Ethernet, USB-A and USB-C hub ports, SD and Micro SD card slots and 100W PD charging. With the U442-DOCK7D-2, you can transmit 4K video to three displays at the same time when it's connected to a PC or laptop that supports DisplayPort 1.4 Alt Mode and DSC (Windows) or SST (macOS).

Extends 4K Video to 3 Displays Simultaneously
One DisplayPort supports single-display 8K at 30 Hz and 4K at 144 Hz. Two HDMI ports each support single-display 4K at 60 Hz. All three video ports also support HDR, 36-bit Deep Color and 4:4:4 chroma subsampling. For advanced digital signage, video presentations or workplace productivity, you can display 4K video on up to three 4K displays at the same time. ***Note**: The U442-DOCK7D-2's video output capabilities vary depending on the capabilities of the host's operating system, graphical capabilities, video cabling and display(s). Host device must support DisplayPort 1.4 Alt Mode. M1/M2 Macbooks are limited to mirroring video content across multiple displays in SST Mode.*

USB 3.2 Gen 1 and Gen 2 Ports Connect Keyboards, Thumb Drives and Other Peripherals
The U442-DOCK7D-2 features four USB ports for adding hard drives, mice, keyboards, printers, webcams and other USB peripherals to your laptop or PC. A USB-C port and two USB-A ports support USB 3.2 Gen 2 data transfer speeds up to 10 Gbps, ideal for transferring data between hard drives. The remaining USB-A port supports USB 3.2 Gen 1 speeds up to 5 Gbps. All four ports are backward compatible with older USB devices.

PD Charging Port Charges the Connected Notebook or Laptop
The USB-C Power Delivery (PD) port supports power output up to 85W, which is more than sufficient for charging and powering the connected host device, such as a MacBook Pro, Windows laptop or Chromebook. Just connect the host's wall charger to both the USB-C PD port and an AC outlet.

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 compatible Cat6 Ethernet cable (sold separately), and enjoy true 1 Gb Ethernet speeds for fast data transfers.

Highlights

- Extends your Windows desktop across up to 3 monitors (2x HDMI + 1x DisplayPort)
- Supports 8K @ 30 Hz DisplayPort and 4K @ 60 Hz HDMI video with HDR and HDCP 2.3
- USB-C and USB-A ports allow connection of hard drives and other USB peripherals
- Supports up to 85W power output for charging your laptop without a heavy power brick
- Connects you to a wired Gigabit Ethernet network with Wi-Fi is weak or unavailable

System Requirements

- Windows or macOS host* with a USB4 or Thunderbolt 4 port capable of 40 Gbps data transmission and DisplayPort Alt Mode 1.4
- User-supplied DisplayPort and/or HDMI cable(s) matching the video specifications of the host, U442-DOCK7D-2 and display(s)
- User-supplied Cat5e/6 cabling for connecting the RJ45 port on the docking station to a Gigabit Ethernet network
- User-supplied USB-C cabling and compatible USB-C power adapter for charging the host and docking station via the USB-C PD charging port

** macOS hosts may only mirror video content across connected displays in SST Mode. The maximum video resolution supported is dependent on the host device's video output capabilities combined with the specifications supported by the video cabling and display(s).*

Package Includes

- U442-DOCK7D-2 USB-C Dock, Triple Display
- Owner's manual

Connects Speakers, Microphone and Other Audio Equipment
The 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 microSD 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.

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 Kensington security slot (K-Slot) to protect your host 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 devices equipped with a USB-C or Thunderbolt 3/4/5 port. It requires no extra software to be downloaded or installed. Its sleek, portable design enhances desktop space by allowing the connected host laptop to be placed directly on top of the dock.

Specifications

OVERVIEW	
UPC Code	037332298270
Product Type	USB-C Docking Station
Device Compatibility	Chromebook; Computer; Headphones; Laptop; Monitor/HDTV; Printer; Projector
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; Thunderbolt; USB; USB 3.x
Country/Region	North America
Host Connector	USB C (FEMALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	DISPLAYPORT (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	(1) DISPLAYPORT (FEMALE); (2) HDMI (FEMALE); (1) USB C (FEMALE)
Video Ports Details	HDCP 1.4; DisplayPort 1.4; HDCP 2.3
Resolutions Supported	The U442-DOCK7D-2 supports the following video extension capabilities (maximum):***Note:*** *The maximum video resolution supported is dependent on the host device's video output capabilities combined with the specifications supported by the video cabling and display(s). The U442-DOCK7D-2 supports Dual-Mode DisplayPort (DP++) to transmit HDMI and DVI signals via the DisplayPort output when combined with a passive adapter (sold separately).***Windows MST Host with DisplayPort 1.4 Alt Mode + DSC**Single Display: HDMI1 (4K/60 Hz); HDMI2 (4K/60 Hz); DisplayPort (8K/30 Hz)Dual Display: HDMI1 (4K/60 Hz) + HDMI2 (4K/60 Hz); HDMI1 (4K/60 Hz) + DisplayPort (4K/60 Hz); HDMI2 (4K/60 Hz) + DisplayPort (4K/60 Hz)Triple Display: HDMI1 (4K/60 Hz) + HDMI2 (4K/30 Hz) + DisplayPort (4K/30 Hz); HDMI1 (4K/30 Hz) + HDMI2 (4K/60 Hz) + DisplayPort (4K/30 Hz); HDMI1 (4K/30 Hz) + HDMI2 (4K/30 Hz) + DisplayPort (4K/60 Hz)**Windows MST Host with DisplayPort 1.4 Alt Mode (No DSC)**Single Display: HDMI1 (4K/60 Hz); HDMI2 (4K/60 Hz); DisplayPort (4K/60 Hz)Dual Display: HDMI1 (4K/30 Hz) + HDMI2 (1080p/60 Hz); HDMI1 (4K/30 Hz) + DisplayPort (1080p/60 Hz); HDMI2 (4K/30 Hz) + DisplayPort (1080p/60 Hz); HDMI1 (1080p/60 Hz) + HDMI2 (4K/30 Hz); HDMI1 (1080p/60 Hz) + DisplayPort (4K/30 Hz); HDMI2 (1080p/60 Hz) + DisplayPort (4K/30 Hz)Triple Display: HDMI1 (1080p/60 Hz) + HDMI2 (1080p/60 Hz) + DisplayPort (1080p/60 Hz)**Mac OS SST Host (Screen Mirror Only)**Single Display: HDMI1 (4K/60 Hz); HDMI2 (4K/60 Hz); DisplayPort (4K/60 Hz)Dual Display: HDMI1 (4K/60 Hz) + HDMI2 (4K/60 Hz); HDMI1 (4K/60 Hz) + DisplayPort (4K/60 Hz); HDMI2 (4K/60 Hz) + DisplayPort (4K/60 Hz)Triple Display: HDMI1 (4K/60 Hz) + HDMI2 (4K/60 Hz) + DisplayPort (4K/60 Hz)

Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	DisplayPort: 7680 X 4320 @ 30HZ; HDMI: 4096 X 2160 @ 60HZ
Extended Mode	Yes
Extended Mode Details	The U442-DOCK7D-2 is capable of extending a computer's desktop across three connected displays maximum. Please see the **Resolutions Supported** table for details.***Note:*** *It is only possible to extend a desktop across multiple screens with Windows-based hosts supporting MST Mode and DisplayPort Alt Mode. Mac OS hosts may only mirror image across multiple displays in SST Mode.*
Mirror Mode	Yes
Mirror Mode Details	The U442-DOCK7D-2 is capable of mirroring video content from the host computer to two connected displays maximum. Please see the **Resolutions Supported** table for details.
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Ports	(1) 3.5MM (FEMALE); (1) DISPLAYPORT (FEMALE); (2) HDMI (FEMALE)
Audio Ports Details	DAC (Digital to Analog Converter) supports 44.1/48/96/192KHZ sample rate (16/24-bit)ADC (Analog to Digital Converter) supports 44.1/48KHZ sample rate (16-bit)Supports CTIA & OMTP auto-detection for 3.5mm stereo audio jack
Audio Input	USB-C
Audio Output	3.5mm; DisplayPort; HDMI
DATA	
Data Ports	(3) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(1) USB-A - USB 3.2 Gen 1 (5 Gbps); (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)
Network Ports Details	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
STORAGE	
Card Slots	MICRO SD (FEMALE); SD (FEMALE)
Card Slots Details	SD & Micro SD ports support Secure Digital v3.0 UHS-I (Ultra High Speed) including: SDR12 (12.5Mbyte/s), SDR25 (25Mbyte/s), SDR50 (50Mbyte/s), SDR104 (104Mbyte/s)Both card slots can be used simultaneously
INPUT	
Bus Powered	Yes

Power Source	Bus; USB
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Source Type	Bus; USB
Power Source	Unit (Optional)
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	100W; 20V/5A; 3.0
CONNECTIONS	
Number of Ports	12
Side A - Connector 1	(2) USB C (FEMALE)
Side A - Connector 2	(1) DISPLAYPORT (FEMALE)
Side A - Connector 3	(3) USB A (FEMALE)
Side A - Connector 4	RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 2	(1) 3.5MM (FEMALE)
Side B - Connector 3	(1) MICRO SD (FEMALE); (1) SD (FEMALE)
Connector Plating	Nickel
Connector Style	Straight
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Network Port: (x1) Orange = Network connection is established, (x1) Green = Flashes to indicate data is being transmitted
CHARGING	
Number of Charging Ports	5
Total Charging Amps	5
Total Charging Watts	100
Charging Port Type	(3) USB A (FEMALE); (2) USB C (FEMALE)
Charging Ports	(2) USB-A: 0.9A; (1) USB-A: 5V 1.5A (7.5W); (1) USB-C: 5V 1.5A (7.5W); (1) USB-C: 85W Power Delivery (PD 3.0)
Charging Ports Details	USB-C PD (x1): 20V 5A (100W)USB-C (x1): 5V 1.5A (7.5W)USB-A (x1): 5V 1.5A (7.5W)USB-A (x2): 900mA**Note:** The combined charging output of the USB hub ports is 12W (5V 2.4A)
Charging Ports / Amps	(2) 0.9A; (2) 1.5A; (1) 5A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL	
Color	Black; Gray
Material of Construction	ABS + PC +TPE
Cable Jacket Color	Black
Connector Color	Black
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	4.3mm
Cable Length (ft.)	1.15
Cable Length (m)	0.35
Cable Length (in.)	13.8
Total Number of Ports	11
Shipping Dimensions (hwd / in.)	1.77 x 13.39 x 4.57
Shipping Weight (lbs.)	1.10
Unit Dimensions (hwd / in.)	0.870 x 7.480 x 3.150
Unit Dimensions (hwd / cm)	1.3 x 30.0 x 7.3
Unit Dimensions (hwd / mm)	13 x 300 x 73
Unit Packaging Type	Box
Unit Weight (lbs.)	0.99
Unit Weight (kg)	0.45
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)	Supports 85W host charging with 15W dedicated to powering the dock
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1000 Mbps
FEATURES & SPECIFICATIONS	
Overcurrent Protection	Yes
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	4
USB Specification	USB 3.1 Gen 1 (up to 5 Gbps); USB 3.1 Gen 2 (up to 10 Gbps); USB 3.2 Gen 1 (up to 5 Gbps); USB 3.2 Gen 2 (Up to 10 Gbps)

Data Transfer Rate	(3) 10 Gbps; (1) 5 Gbps
MST Support	Yes
Multi-Resolution Support	Yes
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
Antibacterial	No
Ethernet Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
SD Card Specification	Micro SD; SD
Displayport Specification	1.4
HDCP Specification	1.4; 2.3
Recommended Category Cable	Cat6/Cat6a
Security Lock	Yes
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); ICES (Canada); UL 62368-1
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); ICES-003 Issue 7; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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