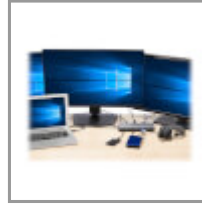# USB-C Universal Dock, Triple Display - 4K HDMI and DisplayPort, USB 3.2 Gen 1/Gen 2 Hub, GbE, 100W PD Charging

MODEL NUMBER: **U442-DOCK24DL3A**

Laptop docking station transmits 4K video to 3 displays, connects up to 5 USB peripherals and charges/powers host device.

Features

USB-C Docking Station Turns Your Laptop into a Multiport Workstation
This professional workspace dock dramatically expands the potential of your MacBook or Windows laptop by adding 12 ports to its USB-C or Thunderbolt 3 port. Not only does the U442-DOCK24DL3A allow you to transmit 4K video to three displays at the same time, but you can also add USB peripherals, connect to a Gigabit Ethernet network, charge your laptop and more.

Transmits 4K Video and Digital Audio to 3 Displays Simultaneously
Three HDMI and two DisplayPort (DP) outputs individually support 4K video resolutions up to 3840 x 2160 at 60 Hz with High Dynamic Range (HDR), 36-bit Deep Color and 4:4:4 chroma subsampling. The dock supports combinations of HDMI + HDMI + HDMI, DisplayPort + DisplayPort + HDMI or HDMI + HDMI + DisplayPort and transmits 4K @ 60 Hz video to all. This allows you to display the image from the host computer (including M1/M2/M3 MacBooks) 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. *Note: You must download and install the latest OS-specific DisplayLink driver to your host computer for video transmission to properly occur. This is done automatically upon first connection to the host. If a firewall prevents automatic downloading, you can manually download the driver at the Synaptics DisplayLink website at https://www.synaptics.com/products/displaylink-graphics/downloads.*

USB Hub Ports Connect Keyboards, External Storage and Other Peripherals
One USB-C and one USB-A each support fast USB 3.2 Gen 2 data transfer rates up to 10 Gbps for quickly transferring files between external storage devices. Three USB-A hub ports support USB 3.2 Gen 1 data transfer rates up to 5 Gbps for connecting a mouse and keyboard, USB headset or other devices.

PD Charging Port Charges Host Device via AC Wall Charger
The USB-C Power Delivery (PD) port supports power output up to 100W, which is more than sufficient for charging and powering the connected source device, such as a MacBook Pro, Windows laptop or Chromebook. Just connect the device's wall charger to both the USB-C PD port and an AC outlet.

Accesses a Wired 2.5 Gb Ethernet Network
The RJ45 port offers access to a 2.5 Gbps 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 2.5G Ethernet speeds for fast data transfers.

Highlights

- HDMI and DisplayPort video outputs support 4K @ 60 Hz to enhance productivity
- Universal DisplayLink chipset supports triple monitor desktop extension for Windows, Mac OS and Chrome OS
- 5 USB 3.2 Gen 1/Gen 2 hub ports connect external storage and other peripherals
- Joins a wired 2.5 Gbps Ethernet network when no Wi-Fi is available
- USB-C PD 3.0 port supports 100W power output for charging host device

System Requirements

- Source device with USB-C or Thunderbolt 3 port and DisplayLink driver installed (a USB-A host port can be used via a USB-C to USB-A adapter, sold separately).
- Display device(s) with HDMI or DisplayPort input.
- Windows, macOS, Linux, Android, Ubuntu or Chrome operating system.
- You must download and install the latest OS-specific DisplayLink driver to your host computer for video transmission to properly occur. This is done automatically upon first connection to the host. If a firewall prevents automatic downloading, you can manually download the driver at the Synaptics DisplayLink website at https://www.synaptics.com/products/displaylink-graphics/downloads.
- One HDMI port is DisplayPort Alt Mode-specific and will not function if used with a USB-A host port or if the host's USB-C port does not support DisplayPort Alt Mode.

Package Includes

- U442-DOCK24DL3A USB-C Universal Dock, Triple Display
- USB-C host cable (M/M), 4 ft. (1.2 m)
- External power supply (Input: 100–240V, 50/60 Hz, 2.5A; Output: 21V 7.1A) with 4 ft. (1.2

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.

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 the dock against theft.

m) cord and NEMA 5-15P plug

- Installation Instructions

Specifications

OVERVIEW	
UPC Code	037332284990
Product Type	USB-C Docking Station
Device Compatibility	Chromebook; Computer; Headphones; Laptop; Monitor/HDTV; Phone; Printer; Projector
Technology	Cat6; DisplayPort; HDMI; Stereo Audio; Thunderbolt; USB 3.x
Country/Region	North America
Host Connector	USB C (FEMALE)

VIDEO	
Video Input	USB C (FEMALE)
Video Output	DISPLAYPORT (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	3
Video Ports	(2) DISPLAYPORT (FEMALE); (3) HDMI (FEMALE)
Video Ports Details	HDCP 1.4; DisplayPort 1.4; HDCP 2.3
Resolutions Supported	3x HDMI and 2x DisplayPort video outputs support video resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz to three displays simultaneously via DisplayLink software or DP 1.4 Alt Mode
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60 Hz
Extended Mode	Yes
Extended Mode Details	**Extend a desktop across up to three HDMI or DisplayPort monitors**Capable of extending a computer's desktop to three connected HDMI or DisplayPort monitors at resolutions up to 4K @ 60 Hz (Note: The dock has 3x HDMI and 2x DisplayPort outputs total)Compatible with both MST Mode or SST ModeDisplayLink software allows Mac OS users to extend across three connected displays**Note:**The actual video resolution is dependent on the video specifications of the host computer, video cables and displays utilizeTriple display is not supported when connected to a USB-A host port as the "Display 3" HDMI port is DisplayPort Alt Mode-only.
Mirror Mode	Yes
Mirror Mode Details	**Mirror video content from a Windows, Mac OS, Chrome or other computer to three HDMI or DisplayPort monitors** Capable of mirroring video content from a host laptop to three connected HDMI or DisplayPort monitors at resolutions up to 4K @ 60 Hz (Note: The dock has 3x HDMI and 2x DisplayPort outputs total)Compatible with both MST Mode or SST ModeDisplayLink software allows Mac OS users to extend across three connected displays**Note:**The actual video resolution is dependent on the video specifications of the host computer, video cables and displays utilizeTriple display is not supported when connected to a USB-A host port as the "Display 3" HDMI port is DisplayPort Alt Mode-only.
Max Supported Color Depth	36-bit Deep Color

HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:2; 4:4:0; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
Bandwidth	48 Gbps
DisplayPort Alt Mode	Yes
DSC Support	Yes
AUDIO	
Audio Ports	3.5MM (FEMALE)
Audio Ports Details	3.5mm Audio jack for headphones and microphones audio in/outSupports CTIA
DATA	
Data Ports	(4) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(3) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) 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
INPUT	
AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V, 50/60 hz, 2.5A
AC Power Adapter Output Specs (V / A)	21V/7.1A
AC Power Adapter Cord Length (ft.)	3.94
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 120
Input Plug Type	IEC-320-C6
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

DC Barrel Plug	OD: 5.5 x 2.1 x 11mm, Positive Pin, Negative Sleeve
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	100W; 3.0

CONNECTIONS	
Number of Ports	13
Side A - Connector 1	(1) USB C (FEMALE)
Side A - Connector 2	(3) HDMI (FEMALE)
Side A - Connector 3	(2) DISPLAYPORT (FEMALE)
Side A - Connector 4	(1) RJ45 (FEMALE)
Side B - Connector 1	(1) USB C (FEMALE)
Side B - Connector 2	(4) USB A (FEMALE)
Side B - Connector 3	(1) 3.5MM (FEMALE); (3) USB A (FEMALE)
Connector Plating	Nickel
Connector Style	Straight

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power Button: (1x) White; RJ45 Port: (1x) Orange (Network connection established), (1x) Green (Transmitting data)

CHARGING	
Number of Charging Ports	6
Total Charging Watts	134
Charging Port Type	(4) USB A (FEMALE); (2) USB C (FEMALE)
Charging Ports	(4) USB-A: 0.9A; (1) USB-A: 5V 1.5A (7.5W); (1) USB-C: 100W (20V 5A) Power Delivery (PD 2.0); (1) USB-C: 5V 1.5A (7.5W)
Charging Ports Details	(1) USB-C host port supports up to 134 Watts of total charging capacity, with 38 Watts dedicated to the unit itself and 96 Watts allocated for charging a connected host device (2) USB-A ports support 5V/1.5A (7.5W) charging to a connected smartphone or other device (2) USB-A ports support 900mA (0.9A) maximum for allowing connected devices to function (1) USB-C port supports 5V/1.5A (7.5W) charging to a connected smartphone or other device * All USB ports support short-circuit and over-current protections
Compatible Devices	Chromebook; Laptop

PHYSICAL	
Color	Black; Silver
Material of Construction	ABS + PVC
Cable Jacket Color	Black
Connector Color	Black
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	5.0mm

Wire Gauge (AWG)	24+34
Cable Length (ft.)	0.66
Cable Length (m)	0.20
Cable Length (in.)	7.87
Cable Length (cm)	20
Total Number of Ports	5
Shipping Dimensions (hwd / in.)	3.23 x 11.89 x 5.12
Shipping Dimensions (hwd / cm)	8.20 x 30.20 x 13.00
Shipping Weight (lbs.)	2.65
Shipping Weight (kg)	1.20
Unit Dimensions (hwd / in.)	0.870 x 8.860 x 3.350
Unit Dimensions (hwd / cm)	2.5 x 22.5 x 8.5
Unit Dimensions (hwd / mm)	25 x 225 x 85
Unit Packaging Type	Box
Unit Weight (lbs.)	0.984
Unit Weight (kg)	0.45

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	50° to 158°F (-10° to 70°C)
Operating Humidity Range	10% to 85% RH (No Condensation)
Storage Humidity Range	5% to 90% RH (No Condensation)
Power Provided to Connected Device(s)	100W

COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 2.5 Gbps
EDID Compatible	Yes

FEATURES & SPECIFICATIONS	
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	5
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps); USB 3.2 Gen 2 (Up to 10 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
Suspend Mode Support	Yes
HDCP Specification	1.4; 2.3
Driver Required	Yes
Recommended Category Cable	Cat6

STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); UL 62368-1
Product Compliance	FCC (USA); RoHS; WEEE

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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