

USB4 Multi-Display Travel Dock - 8K or 4K/144 Hz Video, USB 3.2 Gen 2 (10 Gbps) Hub Ports, 100W PD Charging, HDR, 4:4:4, HDCP 2.3

MODEL NUMBER: U442-DOCK26



Adds 8K/4K HDMI and USB-C, USB-A hub ports and USB-C PD charging to your MacBook, Windows laptop or Chromebook.

Features

USB4 Mini Dock Turns Your Device's USB-C or Thunderbolt 4 Port into a Multiport Workstation

This versatile 8K adapter adds multiple ports to the USB-C or Thunderbolt 4 port on your MacBook Pro, Windows laptop or Chromebook. The U442-DOCK26 allows you to transmit single 8K video or dual 4K video (plus audio) to external displays, add USB peripherals, and power and charge a PD Charging-compliant host device simultaneously. It is ideal for connecting the latest USB-C travel displays to your laptop for gaming or high-end video/photo editing.

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 8K video and digital audio to a compatible monitor, television or projector without installing special software drivers. Connecting the cable to a USB4 or Thunderbolt 4 Type-C port on a laptop allows full USB4 40 Gbps data transfer rates for quickly transferring large files between storage devices and maximizing video bandwidth.

Enjoy the Clarity of 4K/8K Video with Multi-Channel Audio, HDR and 4:4:4 Color

The USB-C port transmits full 8K video at 7680 x 4320 at 30 Hz or 4K video at 144 Hz for professional photo and video editing. When not used for video, the USB-C port can be used for transferring data to an external storage drive at USB 3.2 Gen 2 speeds up to 10 Gbps. The two HDMI ports each support up to 4K at 60 Hz. Up to two displays can be connected at one time (USB-C + HDMI or HDMI + HDMI) with maximum 4K/60 Hz or 8K/30 Hz (USB-C) + 4K/30 Hz or 4K/144 Hz (USB-C) + 4K/30 Hz.

HDR Enhances Your Video Stream with Richer Contrast and Expanded Color Accuracy

The USB-C video/data port and both HDMI ports support HDR (High Dynamic Range), which provides a wide range of vibrant colors with rich contrast, brighter whites and deeper blacks that pop on your 4K or 8K display. HDCP 2.3 encryption allows you to stream 4K/8K content with no loss in resolution. This dock also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Connects USB Peripherals and Transfers Data at Fast USB 3.2 Gen 2 Speeds

The USB-C data port and one USB-A port support USB 3.2 Gen 2 speeds up to 10 Gbps for rapid file transfers between the host device and an external USB peripheral, such as a storage drive. A second USB-A port supports USB 2.0 data transfer rates for adding a mouse or keyboard to your workstation. The

Highlights

- Supports UHD resolutions up to 8K @ 30 Hz or 4K @ 144 Hz (4:4:4)
- 2 video ports may be used at the same time: HDMI + HDMI or HDMI + USB-C
- Supports 20V 5A (100W) power output for charging the host device during use
- USB-A hub port supports lightning-fast USB 3.2 Gen 2 (10 Gbps) data transfer rates
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with USB4 or Thunderbolt 4 port that supports USB DisplayPort Alternate Mode
- Display device with USB-C or HDMI input
- Host device running Windows, macOS or Chrome OS

Package Includes

- U442-DOCK26 USB4 Multi-Display Travel Dock
- Installation instructions



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USB-C 10G port provides up to 5V/1.5A (7.5W) of charging power to mobile devices. All three USB ports support over-current, over-voltage, over-temperature and short circuit protection.

PD 3.0 Charging Port Charges High-Powered Devices via AC Wall Charger

The USB-C Power Delivery port provides power output up to 20V 5A (100W), which is sufficient for charging and powering the connected source device, such as a MacBook or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. **Note:** The dock allocates 85W to charging the host with 15W dedicated to the functioning of the dock.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The plug-and-play USB-C dock is specifically designed for the MacBook Pro, Windows laptops and other notebooks, smartphones, tablets and devices equipped with a USB4 or Thunderbolt 4 port. It requires no extra software to be downloaded or installed. Its thin profile design fits easily into a pocket, purse or laptop bag for convenient connections on the go.

Specifications

OVERVIEW	
UPC Code	037332295941
Product Type	USB Multiport Dock; Multiport Adapter
Device Compatibility	Chromebook; Computer; DVR; Laptop; Monitor/HDTV; Phone; Projector; Tablet
Technology	Cat5/5e; Cat6; HDMI; Thunderbolt; USB 3.x
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (FEMALE)
Video Output	HDMI (FEMALE); USB C (FEMALE)
Number of Monitors Supported	2
Video Ports	HDMI (FEMALE); USB C (FEMALE)
Video Ports Details	HDCP 1.4; DisplayPort 1.4; HDCP 2.3
Resolutions Supported	AMONG ALL THE THREE PORTS (INCLUDING USB-C 10G/8K; HDMI X2), ALLOW TO OUTPUT MAX 2 DISPLAYS WITH MAX DUAL 4K 60HZ OR 8K 30HZ (USB-C) + 4K 30HZ OR 4K 144HZ (USB-C) + 4K 30HZ
Supported Resolutions	3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	7680 x 4320 (8K) @ 30 Hz
Recommended Cabling	P568-XXX-8K6 8K HDMI Cables
Extended Mode	Yes
Extended Mode Details	Extends an HDMI video signal from a host which supports USB-C DisplayPort Alternate Mode at resolutions up to 8K/30 Hz or 4K/144 Hz
Mirror Mode	Yes
Mirror Mode Details	Mirrors HDMI video from a host which supports USB-C DisplayPort Alternate Mode at resolutions up to 8K/30 Hz or 4K/144 Hz
Max Supported Color Depth	36-bit Deep Color



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HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
DisplayPort Alt Mode	Yes
DSC Support	Yes
DATA	
Data Ports	(2) USB A (FEMALE); USB C (FEMALE)
Data Ports Details	USB-A - USB 2.0; USB-A - USB 3.2 Gen 2 (10 Gbps); USB-C - USB 3.2 Gen 2 (10 Gbps)
INPUT	
Input Plug Type	USB-C (MALE)
Input Cord Length (ft.)	0.66
Input Cord Length (m)	0.20
Bus Powered	Yes
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Source Type	Bus; USB
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	100W; 3.0
CONNECTIONS	
Number of Ports	6
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	(2) USB C (FEMALE)
Side B - Connector 2	(2) USB A (FEMALE)
Side B - Connector 3	(2) HDMI (FEMALE)
Connector Plating	Nickel
CHARGING	
Number of Charging Ports	1
Total Charging Amps	4.25
Total Charging Watts	100



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Charging Port Type	(2) USB C (FEMALE)
Charging Ports	(1) USB-A: 0.9A; (1) USB-A: 5V 1.5A (7.5W); (1) USB-C: 100W (20V 5A) Power Delivery (PD 3.0); (1) USB-C: 5V 1.5A (7.5W)
Charging Ports Details	USB-C port supports PD 3.0 charging specs up to 100W, max 85W PD Charging for PC (15W is dedicated to the functioning of the dock), Note: USB-C 10G/8K Port as 1.5A
Charging Ports / Amps	3A; 4.5A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL

Color	Black; Gray
Material of Construction	PC + ABS + TPE + ALUMINUM
Cable Jacket Color	Black
Connector Color	Black
Cable Jacket Material	TPE
Cable Jacket Rating	FT2
Cable Outer Diameter (OD)	4.3mm
Wire Gauge (AWG)	36/34/23
Cable Length (ft.)	0.66
Cable Length (m)	0.20
Cable Length (in.)	7.87
Housing Color	Gray
Cable Length (cm)	20
Total Number of Ports	6
Shipping Dimensions (hwd / in.)	0.79 x 6.69 x 3.54
Shipping Dimensions (hwd / cm)	2.01 x 16.99 x 8.99
Shipping Weight (lbs.)	0.40
Shipping Weight (kg)	0.18
Unit Dimensions (hwd / in.)	0.710 x 1.210 x 5.590
Unit Dimensions (hwd / cm)	5.2 x 14.5 x 1.5
Unit Dimensions (hwd / mm)	52 x 145 x 14.5
Unit Packaging Type	Box
Unit Weight (lbs.)	0.33
Unit Weight (kg)	0.15

ENVIRONMENTAL

Operating Temperature Range	32° to 77°F (0° to 45°C)
Storage Temperature Range	50° to 158°F (-10° to 70°C)
Operating Humidity Range	10% to 85% RH (No Condensation)



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Storage Humidity Range	5% to 90% RH (No Condensation)
Power Provided to Connected Device(s)	100W PD Charging (Max 85W to Host; 15W allocated to the dock. Max 85W: 5V/9V/15V@ 3A, 20V @ 4.25A)
FEATURES & SPECIFICATIONS	
Overcurrent Protection	Yes
Overvoltage Protection	Yes
Over Current Protection	Y
Quick Charge Compliant	No
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 2.0 (up to 480 Mbps); USB 3.2 Gen 2 (Up to 10 Gbps); USB4 (up to 40 Gbps)
Data Transfer Rate	(2) 10 Gbps; (1) 480 Mbps
MST Support	Yes
Ethernet Support	No
Auto MDIX Support	No
Full Duplex Support	Yes
Remote Wakeup Support	Yes
Thunderbolt Specification	Thunderbolt 4 (up to 40Gbps)
Displayport Specification	1.4
HDCP Specification	1.4; 2.3
Driver Required	No
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Certifications	EN 55032; ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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