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

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

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

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)

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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