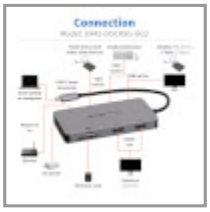
USB-C Travel Dock, Triple Display - 4K 60 Hz HDMI, 8K USB-C, HDR, 4:4:4, HDCP 2.3, USB 3.2 Gen 1 Hub Ports, GbE, 100W PD Charging

MODEL NUMBER: **U442-DOCK8G-GG2**











Adds one 8K and two 4K displays, USB-A peripherals, Gigabit Ethernet and 100W PD charging to your MacBook Pro or Windows laptop.

Features

USB-C Docking Station Turns Your Laptop into a Multi-Function Workstation
This USB-C dock with PD charging expands the potential of your MacBook Pro, Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3/4/5 port. With the U442-DOCK8G-GG2, you can transmit 8K video or 4K video with digital audio to multiple displays, add a thumb drive and other USB peripherals, connect to a wired Gigabit Ethernet network, and power and charge your host device, all at the same time. It's recommended for work-from-anywhere pros who need more screens, fast data speeds and reliable wired networking in a travel-friendly design.

Supports USB-C DisplayPort Alternate Mode for Converting Audio/Video Signals
By connecting the built-in USB-C cable to a source device that supports USB DisplayPort (DP) Alt Mode 1.4 and DSC (Display Stream Compression), you can output 4K/60 Hz video to a USB-C display and 4K/30 Hz video to two HDMI displays simultaneously. This lets you multitask, view multiple Word or Excel documents side by side and enhance other creative tasks using multiple hi-res displays. All three video ports support 4:4:4 chroma subsampling, 36-bit Deep Color and HDCP 2.3. When used alone, the USB-C port supports 8K/30 Hz or 4K/144 Hz for streaming video or editing media files. ***Note**: The maximum supported video output combinations depend on the capabilities of the host device, cables and displays. When connecting a DP 1.4 Alt Mode host, maximum resolutions are 4K/60 Hz (USB-C) and 4K/30 Hz (both HDMI). When connecting a DP 1.2 Alt Mode host, maximum resolutions are 4K/30 Hz (USB-C) and 1080p/60 Hz (both HDMI).*

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals
Two USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. One supports fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps and is backward compatible with earlier USB generations. The other port supports USB 2.0 speeds up to 480 Mbps. The USB-C port also supports USB 3.2 Gen 1 speeds when not being used to transmit video. ***Note**: USB data ports share maximum combined power output up to 5V 2.4A (12W) for downstream charging.*

PD Charging Port Charges the Connected Host Device
The USB-C port supports Power Delivery (PD) 3.0 charging of the connected PD charging-compliant device. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 20V 5A (100W). Fast Role Swap functionality ensures the host will not get disconnected when removing it from the power source. ***Note**: 15W is dedicated to powering the U442-DOCK8G-GG2 with the remaining 85W available for PD charging. This port does not support Quick Charge (QC).*

Highlights

Support 8K video via USB-C and dual 4K video via HDMI for multi-monitor setupsPower Delivery port supports 20V 5A (100W) power output for charging host deviceUSB-A hub ports allow connection of flash drives, keyboard/mice and other peripheralsRJ45 port connects you to a wired Gigabit Ethernet network when Wi-Fi is unavailablePlug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device with USB-C, Thunderbolt 3, Thunderbolt 4 or Thunderbolt 5 port that supports USB DisplayPort Alternate Mode
- Display device(s) with HDMI input
- USB-C and/or HDMI video cable(s)
- Multi-Stream Transport (MST) required to achieve extended dual displays; typically, Windows systems support MST
- Single-Stream Transport (SST) required to achieve mirrored dual displays; typically, macOS systems support SST

Package Includes

- U442-DOCK8G-GG2 USB-C Travel Dock, Triple Display
- Owner's manual

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 or more stable performance. Connect using a Cat6 24 AWG Ethernet cable (sold separately), and enjoy true 1 Gbps speeds for fast data transfers.

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. Both card slots can be used at the same time.

Ready to Use Right from the Package
The plug-and-play USB-C dock is specifically designed for use with MacBook Pros, Windows laptops, Chromebooks and other devices equipped with a USB-C or Thunderbolt 3/4/5 port. It requires no extra software to be downloaded or installed and no external power. It is lightweight and fits easily into a backpack or laptop bag for multiport convenience wherever you're working today.

Specifications

OVERVIEW	
UPC Code	037332298287
Product Type	Docking Station
Device Compatibility	Chromebook; Computer; Laptop; Monitor/HDTV
Technology	Cat5/5e; Cat6; HDMI; USB 3.x
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (FEMALE); USB C (FEMALE)
Number of Monitors Supported	3
Video Ports	(2) HDMI (FEMALE); (1) USB C (FEMALE)
Video Ports Details	HDCP 1.4; HDCP 2.3
Resolutions Supported	**The U442-DOCK8G-GG2 is capable of the following video outputs:**USB-C Data/Video port: Maximum 8K/30 Hz or 4K/120 Hz, including HDR, RGB, YCbCr (4:4:4, 4:2:2, 4:2:0), 6/8/10/12 bpc, and DP++HDMI ports: Maximum 4K/60 Hz per port, including HDR, RGB (4:4:4), YCbCr (4:4:4, 4:2:2, 4:2:0), and 8/10/12 bpcThe three video ports can be used simultaneously in dual (4K/30Hz x2) or triple (4K/30Hz + 1080p x2) with a DP 1.4 Alt Mode HostWhen connected to a DP 1.4 Alt Mode Host with DSC Support the video ports can be used simultaneously in dual (4K/60 Hz) or triple (4K/30Hz x3) output configurationsThe actual video output capabilities are dependent upon the host, cabling, and display(s)
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 7680x4320 (8K)
Max Supported Video Resolution	USB-C: 7680 x 4320 @30Hz; HDMI: 3840 X 2160 @ 60HZ
Extended Mode	Yes
Extended Mode Details	**Note:** Video output quantity and quality is dictated by the host computer's graphic card and ability to support MST mode. Not all laptops are capable of transmitting video to its primary screen and two connected displays. If two connected displays are desired then the local screen needs to be turned off under the computer's video settings. Mac OS does not support MST mode and only supports SST mode for transmitting mirrored video content to connected displays. To get maximum bandwidth the host should support DSC format and DP 1.4 Alt Mode.
Mirror Mode	Yes

Mirror Mode Details	**Note:** Video output quantity and quality is dictated by the host computer's graphic card. Not all laptops are capable of transmitting video to its primary screen and two connected displays. If two connected displays are desired then the local screen needs to be turned off under the computer's video settings. Mac OS does not support MST mode and only supports SST mode for transmitting mirrored video content to connected displays. To get maximum bandwidth the host should support DSC format and DP 1.4 Alt Mode.
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
Bandwidth	18 Gbps
DisplayPort Alt Mode	Yes
DSC Support	Yes
DATA	
Data Ports	(2) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(1) USB-A - USB 2.0; (1) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) USB-C - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
STORAGE	
Card Slots	MICRO SD (FEMALE); SD (FEMALE)
Card Slots Details	Supports Secure Digital v3.0 UHS-I (Ultra High Speed): SDR12 (12.5Mbyte/s), SDR25(25Mbyte/s), SDR50(50Mbyte/s), DDR50(50Mbyte/s), and SDR104(104Mbyte/s)Both card slots can be used simultaneously
INPUT	
Built-In Cable Length (m)	170
Built-In Cable Length (in.)	6.69
Bus Powered	Yes
Power Source	Bus; USB
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Source Type	USB
Power Consumption (Watts)	15.00
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	100W; 20V/5A; 3.0
CONNECTIONS	

Number of Ports	9
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 2	(2) USB A (FEMALE)
Side B - Connector 3	USB C (FEMALE)
Side B - Connector 4	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 5	RJ45 (FEMALE)
Connector Plating	Nickel
Connector Style	Straight
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Port: White (Connection), Orange (Activity)
CHARGING	
Number of Charging Ports	3
Total Charging Watts	100
Charging Method	USB
Charging Port Type	(2) USB A (FEMALE); USB C (FEMALE)
Charging Ports	USB-A: 5V 1.5A (7.5W) ; USB-C: 85W Power Delivery (PD 3.0)
Charging Ports Details	USB-C PD (x1): 20V 5A (100W)USB-A (x1): 5V 1.5A (7.5W)USB-A (x1): 900mACOMBINED CHARGING OUTPUT OF USB HUB PORTS IS 12W (5V 2.4A)
Charging Ports / Amps	0.9A; 1.5A; 5A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet
PHYSICAL	
Color	Black; Gray
Material of Construction	Aluminum, TPE, ABS/PC
Cable Jacket Color	Black
Connector Color	Gray
Cable Jacket Material	TPE
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.3mm
Wire Gauge (AWG)	34/24
Cable Length (ft.)	0.4
Cable Length (m)	0.12
Cable Length (in.)	4.72
Cable Length (cm)	12

Total Number of Ports	8
Shipping Dimensions (hwd / in.)	0.91 x 5.51 x 3.94
Shipping Weight (lbs.)	0.33
Unit Dimensions (hwd / in.)	4.330 x 0.450 x 2.320
Unit Packaging Type	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
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)	15W is dedicated to powering the dock itself, the remaining 85W is used to charge the host
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1000 Mbps
FEATURES & SPECIFICATIONS	
Overcurrent 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 1 (up to 5 Gbps)
Data Transfer Rate	480 Mbps; 5 Gbps
MST Support	Yes
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	No
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

Driver Required	No
Recommended Category Cable	Cat5e/6/6a
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Certifications	ICES (Canada); NOM (Mexico)
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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