

USB-C Dock, Dual Display - 4K HDMI/mDP, VGA, USB 3.2 Gen 1, USB-A/C Hub, GbE, 60W PD Charging

MODEL NUMBER: U442-DOCK2-S



USB-C dock adds HDMI, VGA, mDP, USB, PD Charging and other ports to your Chromebook, Windows laptop or PC.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Multiport Workstation This multiport USB-C dock expands the potential of your Chromebook, Windows laptop or other device with a USB-C or Thunderbolt 3 port. It's ideal for transmitting digital audio and video to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging-compliant mobile device, connecting to a Gigabit Ethernet network and a lot more—all at the same time.

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 Alt Mode, you can output 4K video and digital audio to a monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 4K Video and Digital Audio The Mini DisplayPort (mDP) and HDMI outputs support Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA output supports HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz. A DisplayPort or DVI display may also be connected using an mDP to DP or HDMI to DVI adapter (adapters sold separately).

Connects Up to 2 Displays at the Same Time Connecting two external monitors simultaneously allows you to display the same image on both monitors, extend your host desktop across both with different windows open on each, or combine both into one large display as a video wall. Connect dual monitors in Extended (1080p mDP with 1080p HDMI or 1080p VGA) and Mirror (1080p mDP with 1080p HDMI or 1080p VGA) modes. HDMI and VGA video ports will not work simultaneously.

Connects Keyboards, Thumb Drives and Other USB Peripherals The USB-A hub ports accept up to three USB peripherals, such as flash drives, mice, keyboards and printers. They support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps and are backward compatible with USB 2.0 and USB 1.1 devices. One USB port also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device. Note: Host must support USB OTG (On-the-Go).

PD 2.0 Charging Port Charges Connected Device via AC Wall Charger The USB-C Power Delivery port supports power output up to 20V 3A (60W), which is sufficient for charging and powering the connected source device, such as an Android smartphone or Chromebook. Just connect the device's AC

Highlights

- Connects 2 displays at the same time for easy multitasking and increasing productivity
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear video
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- Provides 20V 3A (60W) power output for fast-charging large-capacity mobile devices
- USB-C and USB-A hub ports allow connection of flash drives and other peripherals

Applications

- Extend or mirror your laptop or PC monitor on multiple displays to aid in multitasking and increase productivity
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Transfer data to and from a USB flash drive, Micro SD or SD/MMC memory card
- Charge your notebook or laptop by connecting its wall charger to the USB-C PD Charging port
- Connect a microphone/headset to record a podcast or listen to music

System Requirements

- Source laptop or computer with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display with DisplayPort*, Mini DisplayPort, VGA, DVI* or HDMI input
- Not for use with Thunderbolt monitors

*Requires adapter (sold separately)

Package Includes

- U442-DOCK2-S USB-C Docking Station, Dual Display, Silver
- Owner's manual

wall charger to the USB-C PD port. Note: USB-C PD port does not support Quick Charge (QC).

Accesses a Wired Gigabit Ethernet NetworkThe RJ45 port offers access to a Gigabit Ethernet network when no Wi-Fi is available or when a wired connection offers faster speeds. Connect using a UTP cable (sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

Connects Audio EquipmentThe USB-C hub's 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 AccessThe memory card slots support Micro SD and SD/MMC cards for transferring data to and from your connected computer, laptop or tablet.

Built-In USB-C Cable Connects in Either DirectionUnlike traditional USB cables that connect in only one direction, the reversible USB-C male connector plugs into a USB-C or Thunderbolt 3 port in either direction for an instant connection every time.

Ready to Use Right Out of the PackageThe plug-and-play USB-C dock for Windows laptops, Chromebooks and other devices requires no software, drivers or external power. The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

Specifications

OVERVIEW	
UPC Code	037332213488
Product Type	Docking Station
Device Compatibility	Chromebook; Computer; Headphones; Laptop; Monitor/HDTV
Technology	Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; VGA/SVGA
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)
Number of Monitors Supported	2
Video Ports	MINI DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	DisplayPort 1.2; HDMI 1.4; HDCP 1.4
Resolutions Supported	Mini DisplayPort: 3840 x 2160 (4K x 2K) @ 30HzHDMI: 3840 x 2160 (4K x 2K) @ 30HzVGA: 1920 x 1200 (1080p) @ 60Hz
Supported Resolutions	1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	MDP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Recommended Cabling	P568-Series 4K HDMI Cables P583-Series Mini DisplayPort to DisplayPort Cables P502-Series 1080p VGA Cables
Extended Mode	Yes

Extended Mode Details	A desktop can be extended to a single connected display in the following video resolutions:HDMI 4K x 2K (3840 x 2160) @ 30 HzMini DisplayPort 4K x 2K (3840 x 2160) @ 30 HzVGA 1080P (1920 x 1200) @ 60 HzA desktop can be extended from the host computer to two connected displays in the following combinations:1x Mini DP (1080p @ 30 Hz maximum) + 1x HDMI (4K @ 30 Hz maximum)1x Mini DP (1080P @ 30 Hz maximum) +1x VGA (1080P @ 60 Hz maximum) Notes: Only two video outputs can be used at the same time. If attempting to use all three ports at once the unit will not function properly.When two video outputs are connected to a Mac OS host computer that does not support Multi Stream Transport (MST) Mode, only the mDP output will be detectedWhen two video outputs are connected and the resolution of one monitor is higher than the other, the other monitor may have no output due to a lack of bandwidth due to a total video bandwidth of 10.8G
Mirror Mode	Yes
Mirror Mode Details	Video output can be mirrored on a single connected display in the following video resolutions:HDMI 4K x 2K (3840 x 2160) @ 30 HzMini DisplayPort 4K x 2K (3840 x 2160) @ 30 HzVGA 1080P (1920 x 1200) @ 60 HzVideo output can be mirrored from the host computer to two connected displays in the following combinations:1x Mini DP (1080p @ 30 Hz maximum) + 1x HDMI (4K @ 30 Hz maximum)1x Mini DP (1080P @ 30 Hz maximum) +1x VGA (1080P @ 60 Hz maximum) Notes: Only two video outputs can be used at the same time. If attempting to use all three ports at once the unit will not function properly.When two video outputs are connected to a Mac OS host computer that does not support Multi Stream Transport (MST) Mode, only the mDP output will be detectedWhen two video outputs are connected and the resolution of one monitor is higher than the other, the other monitor may have no output due to a lack of bandwidth due to a total video bandwidth of 10.8G
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	No
AUDIO	
Audio Ports	3.5MM (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)
Audio Ports Details	3.5mm Combo Stereo Audio / Microphone JackHDMI and mDP ports can transmit audio from the host computer by selecting the desired output location in the computer's audio settingsThe VGA output does not support audio
Audio Specification	Combo audio jack supports stereo audio
DATA	
Data Ports	(3) USB A (FEMALE)
Data Ports Details	(3) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)

Card Slots Details	Supports SD/SDHC/SDXC (Up to 128GB) Supports SD 3.0 UHS-I including: SDR12 (12.5Mbps), SDR25 (25Mbps), SDR50 (50Mbps), DDR50 (50Mbps), and SDR104 (104Mbps) Maximum writing speed up to 70Mbps, maximum reading speed 90Mbps Supports MultiMediaCard (MMC) Specification Memory Card slots (SD and MicroSD) cannot be used simultaneously
INPUT	
Bus Powered	Yes
Product Length (in.)	9.75
Product Length (ft.)	1
Power Source	Bus
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Consumption (Watts)	5.00
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	2.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Transmitting Data)
CHARGING	
Number of Charging Ports	4
Total Charging Watts	60
Charging Port Type	(3) USB A (FEMALE); (1) USB C (FEMALE)
Charging Ports	USB-A: 5V 1.5A (7.5W); USB-C: 60W (20V 3A) Power Delivery (PD 2.0)
Charging Ports Details	Charge the host computer via the 60W PD 2.0 charging port Three USB-A ports share a combined 10 Watts (5V/2A) One USB-A port can quickly charge mobile devices with up to 5V/1.5A (7.5W) of charging output The other two USB-A ports share a maximum of 5 Watts (5V/1A)
Charging Ports / Amps	1.5A; 3A
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet
PHYSICAL	
Color	Silver
Material of Construction	Aluminum, PVC
Cable Jacket Color	White
Connector Color	Silver
Cable Jacket Material	PVC

Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	3.9mm
Cable Length (ft.)	0.43
Cable Length (m)	0.13
Cable Length (in.)	5.15
Cable Length (cm)	13.1
Total Number of Ports	11
Shipping Dimensions (hwd / in.)	0.91 x 6.50 x 5.31
Shipping Weight (lbs.)	0.54
Unit Dimensions (hwd / in.)	0.600 x 4.700 x 4.700
Unit Dimensions (hwd / cm)	1.623 x 11.98 x 11.98
Unit Dimensions (hwd / mm)	16.23 x 119.8 x 119.8
Unit Packaging Type	Box
Unit Weight (lbs.)	0.50
Unit Weight (kg)	0.23
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
BTUs	17.1 BTU/Hr
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-A: 5V/0.9A (4.5W) USB-C: 20V/3A (60W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
CONNECTIONS	
Number of Ports	11
RJ45 Ports	1
RJ45 Ports Detail	Connect to a Gigabit Ethernet network using Gigabit Cat5/Cat5e/Cat6 cabling
Dock Connectors	(3) USB-A 3.2 Gen1, HDMI, VGA, RJ45, Mini DisplayPort, 3.5mm, MICRO SD, SD, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)
Side B - Connector 2	(3) USB A (FEMALE)

Side B - Connector 3	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 4	RJ45 (FEMALE)
Side B - Connector 5	USB C (FEMALE)
Side B - Connector 6	3.5MM (FEMALE)
Connector Plating	Nickel
Connector Style	Straight
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)
Data Transfer Rate	1 Gbps; 5 Gbps
MST Support	Yes
Multi-Resolution Support	Yes
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
SD Card Specification	SD; Micro SD
Displayport Specification	1.2
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	
Product Certifications	EN 55024; EN 55032
Product Compliance	CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



1000 Eaton Boulevard
Cleveland, OH 44122
United States



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