USB-C Dock - 4K HDMI, VGA, USB 3.2 Gen 1, USB-A/C Hub, GbE, Memory Card, 100W PD Charging

MODEL NUMBER: **U442-DOCK3-B**

USB-C docking station adds HDMI, VGA, 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 USB-C dock with PD Charging expands the potential of your Chromebook or Windows laptop's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K video and digital audio to a large display, adding a thumb drive or other USB peripheral, powering and charging a PD Charging 3.0-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 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 4K video and digital audio to a compatible monitor, television or projector without installing special software drivers.
Transmits Crystal-Clear 4K Video and Digital Audio to an HDMI Monitor To send digital audio and Ultra High Definition video to a 4K-ready HDMI television, projector or monitor, connect the corresponding port to the display using an HDMI cable (sold separately). The HDMI port supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. Only one monitor may be connected at a time. A DVI display may be connected to the HDMI port using an HDMI to DVI adapter (sold separately).
USB Ports Connect Keyboards, Thumb Drives and Other Peripherals The two USB-A hub ports and single USB-C data port accept USB peripherals, such as flash drives, mice, keyboards and printers, and share a maximum 10W (5V 2A) of power. 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-A 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 Charging Port Charges the Connected Notebook, Tablet or Other Device The USB-C port also supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as Chromebooks, Kindles, iPads and Android smartphones. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to 20V 5A (100W). This port, as mentioned above, can also be used for transferring data up to 5 Gbps. Note: USB-C PD port does not support Quick Charge (QC).
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. Connect using a UTP cable (sold separately), and enjoy true 10/100/1000 Mbps Ethernet 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. Only one memory card slot can be used at a time.

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- 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
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C, USB-A and memory card ports allow connection of flash drives and other peripherals

Applications

- Play video from your laptop or PC on an HDMI or VGA display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Upload data from your notebook or download data from the Ethernet at true 10/100/1000 Mbps Ethernet speeds
- Transfer data to and from a USB flash drive or 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 USB microphone/headset to record a podcast or listen to music

Built-In USB-C Cable Connects in Either Direction Unlike 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. The built-in cable tucks away beneath the compact unit for safe carrying in a pocket, briefcase or laptop bag.
Ready to Use Right Out of the Package The plug-and-play USB-C dock is specifically designed for use with Windows laptops and other notebooks, smartphones, tablets and devices equipped with a USB-C or Thunderbolt 3 port. It requires no drivers or external power source. The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with VGA, DVI* or HDMI input
*Requires adapter (sold separately)

Package Includes

- U442-DOCK3-B USB-C Docking Station, Black
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332213495
Product Type	Docking Station
Technology	Cat5/5e; Cat6; HDMI; USB; USB 3.0 (SuperSpeed); USB 3.1 (Gen 1); VGA/SVGA; PD Charging
Host Connector	USB C (MALE)
VIDEO	
Number of Monitors Supported	1
Video Ports	HD15 (FEMALE); HDMI (FEMALE)
Video Ports Detail	HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz
Max Supported Video Resolution	HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Extended Mode	No
Mirror Mode	No
DATA	
Data Ports	(1) USB C (FEMALE); (2) USB A (FEMALE)
Data Ports Detail	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (2) USB-A - USB 3.2 Gen 1 (5 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)

STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)
Card Slots Detail	SD 3.0 Memory Card slots (SD and MicroSD) cannot be used simultaneously

INPUT	
Built-In Cable Length (ft.)	0.32
Built-In Cable Length (m)	0.1
Built-In Cable Length (in.)	3.94
Built-In Cable Length (cm)	10
Bus Powered	Yes
Product Length (in.)	9.4
Product Length (cm.)	23.88
Product Length (ft.)	0.78
Product Length (m.)	0.24

BATTERY	
Battery Charging (5V/1.5A Port)	Yes

POWER	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power) and Orange (Activity)

CHARGING	
Charging Ports / Amps	1.5A; 3A
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Total Charging Watts	100

PHYSICAL	
Color	Black
Cable Jacket Rating	VW-1
Material of Construction	ABS
Unit Dimensions (hwd / in.)	0.55 x 4.8 x 2.8
Unit Packaging Type	Box

Unit Weight (kg)	0.09
Unit Weight (lbs.)	0.20
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
Power Consumption (Watts)	5
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	5V 0.9A (4.5W) Output (USB A), 5V/1.5A Output per BC1.2 USB port, Up to 20V 5A (100W) Input (USB C)
COMMUNICATIONS	
Network Speed	Gigabit Ethernet (10/100/1000)
IEEE Standards Supported	802.3; 802.3u; 802.3az; 802.3x
CONNECTIONS	
Ports	9
Dock Connectors	USC-C 3.0 Data, (x2) USB-A, Micro SD Memory Card, SD/MMC Memory Card, HDMI, VGA, RJ45, USB-C PD Charging
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HD15 (FEMALE); HDMI (FEMALE); RJ45 (FEMALE); USB C (FEMALE)
Side B - Connector 2	MICRO SD (FEMALE); SD (FEMALE); (2) USB 3.0 A (FEMALE); USB Type-C (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	Yes
Remote Wakeup Support	Yes
SD Card Specification	SD; Micro SD
STANDARDS & COMPLIANCE	

Certifications	Tested to CE, FCC, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty