

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

MODEL NUMBER: U442-DOCK5-GY



USB-C docking station with PD Charging adds HDMI, USB-A, Ethernet and memory card ports to your Chromebook, Windows laptop or tablet.

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Workstation This USB-C dock with PD Charging expands the potential of your Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting true 4K video and digital audio to a large display, adding a thumb drive and other USB peripherals, 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 an HDMI monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 4K Video and Digital Audio with True 4:4:4 Color The HDMI output supports true 4K video resolutions up to 4096 x 2160 at 30 Hz with multi-channel sound and 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Connect the HDMI port to your display using an HDMI cable (sold separately). A DVI display may also be connected using an HDMI to DVI adapter (sold separately).

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals Three USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. They support 5V 2A (10W) of charging power, when connected to a PD 3.0-compliant charger, and fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps (10 times faster than USB 2.0). One 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 supports Power Delivery (PD) 3.0 charging of connected PD Charging-compliant devices, such as laptops, 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. PD 3.0 Fast Role Swap technology ensures all data and power connections remain stable if the wall charger becomes accidentally dislodged. 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. Both slots may be used at the same time.

Built-In USB-C Cable Attaches 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.

Highlights

- Converts audio/video signals from sources supporting USB-C DisplayPort Alt Mode
- Supports true 4K resolutions up to 4096 x 2160 (@ 30 Hz) for crystal-clear video
- Connects you to a wired 10/100/1000 Ethernet network when Wi-Fi is unavailable
- 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 display, such as an HDTV or projector
- Save data to a USB-enabled thumb drive or external hard drive
- Access a wired Gigabit Ethernet network in a location with no or spotty Wi-Fi
- 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 device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate



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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 use with Windows laptops and other notebooks, smartphones, tablets and devices equipped with a USB-C or Thunderbolt 3 port. It requires no extra software to be downloaded or installed. It's about the size of a smartphone, making it easy to pack into a pocket, backpack or laptop bag for multiport convenience wherever you go.

Mode

- Display device with HDMI or

DVI* input
*Requires adapter (sold separately)

Package Includes

- U442-DOCK5-GY USB-C Dock, Gray
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332241016
Product Type	Docking Station
Technology	Cat5/5e; Cat6; HDMI; USB; USB 3.0 (SuperSpeed); USB 3.1 (Gen 1); PD Charging
Host Connector	USB C (MALE)
VIDEO	
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Detail	HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30Hz (4096 x 2160)
Max Supported Video Resolution	HDMI: 4096 x 2160, including 3840 X 2160 (4K X 2K) @ 30HZ
Extended Mode	No
Mirror Mode	No
Chroma Sub Sampling	4:2:2; 4:4:4
DATA	
Data Ports	(3) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Detail	(3) 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	SD (FEMALE); MICRO SD (FEMALE)



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Card Slots Detail	SD 3.0 Memory Card slots (SD and MicroSD) can be used simultaneously
INPUT	
Built-In Cable Length (ft.)	0.34
Built-In Cable Length (m)	0.12
Built-In Cable Length (in.)	4.72
Bus Powered	Yes
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	White (Power) and Orange (Activity)
CHARGING	
Charging Ports / Amps	(1) 1.5A; (1) 5A
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	Gray
Cable Jacket Rating	VW-1
Material of Construction	Aluminum
Unit Dimensions (hwd / cm)	1.3 x 10.5 x 4.9
Unit Dimensions (hwd / in.)	0.5 x 4.1 x 1.9
Unit Packaging Type	Box
Unit Weight (kg)	0.11
Unit Weight (lbs.)	0.25
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



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Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-A: 5V 2A (10W) when connected to a PD 3.0 compliant charger; USB-C: 20V 5A (100W)
COMMUNICATIONS	
Network Speed	Gigabit Ethernet (10/100/1000)
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
CONNECTIONS	
Ports	8
Dock Connectors	USB-C Data/ PD Charge, (x3) USB-A, Micro SD Memory Card, SD/MMC Memory Card, HDMI, RJ45
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE); USB 3.0 A (FEMALE); USB C (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	MICRO SD (FEMALE); SD (FEMALE); (2) USB 3.0 A (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	3
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, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty



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