

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

MODEL NUMBER: U442-DOCK5D-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 Computer'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 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 detachable 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 4:4:4 Color The HDMI output supports 4K video resolutions up to 3840 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 provides 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).

Highlights

- Converts audio/video signals from laptops and other devices that support USB-C DisplayPort Alt Mode
- Supports 4K resolutions up to 3840 x 2160 (@ 30 Hz) for crystal-clear video
- Connect to a wired 10/100/1000 Mbps (Gigabit) Ethernet network when Wi-Fi is unavailable
- Charge the host laptop with up to 100 Watts (20V 5A) of PD Charging power output
- 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 Mode
- Display device with HDMI or DVI* input

*Requires adapter (sold separately)

Package Includes

- U442-DOCK5D-GY USB-C Dock, Gray
- Detachable USB 3.2 Gen 1 Type-C cable (M/M), 0.4 ft. (12.1 cm)
- Owner's manual

Accesses a Wired Gigabit Ethernet NetworkThe 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 AccessThe 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.

Detachable USB-C Cable Attaches 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. Disconnect the cable from your computer and the dock when finished and simply slide the cable into place in the secure housing built into the unit.

Ready to Use Right from the Package, So You Can Plug and Play ImmediatelyThe 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.

Specifications

OVERVIEW	
UPC Code	037332241023
Product Type	Docking Station
Device Compatibility	Chromebook; Laptop; Monitor/HDTV; Phone
Technology	Cat5/5e; Cat6; HDMI; Thunderbolt; USB; USB 3.x
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	1
Video Ports	HDMI (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4
Resolutions Supported	3840 x 2160 (4K x 2K) @ 30 Hz
Supported Resolutions	3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 @ 30 Hz
Recommended Cabling	P568-Series High Speed 4K HDMI Cables
Extended Mode	Yes
Extended Mode Details	Extend your workspace to across a connected display at video resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
Mirror Mode	Yes

Mirror Mode Details	Mirror video from the USB-C port on a laptop to a connected display at video resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:2; 4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	Yes
DATA	
Data Ports	(3) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(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)
Card Slots Details	SD 3.0 Memory Card slots (SD and MicroSD) can be used simultaneously
INPUT	
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 (Connection to Power) and Orange (Activity)
CHARGING	
Number of Charging Ports	4
Total Charging Amps	2

Total Charging Watts	100
Charging Port Type	(3) USB A (FEMALE); (1) USB C (FEMALE)
Charging Ports	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Charging Ports Details	One USB-A port supports 5V 1.5A (7.5W) for quickly charging mobile devicesAll three USB-A ports share 5V 2A (10W) when connected to a PD 3.0 compliant chargerThe USB-C PD Charging/Data port provides up to 20V 5A (100W) to charge the host laptop via a compatible wall charger
Charging Ports / Amps	1.5A; 5A
Compatible Devices	Chromebook; Laptop; Smartphone
PHYSICAL	
Color	Gray
Material of Construction	Aluminum
Connector Color	Black
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.2mm
Cable Length (ft.)	0.39
Cable Length (m)	0.12
Cable Length (in.)	4.72
Cable Length (cm)	12
Total Number of Ports	9
Shipping Dimensions (hwd / in.)	0.79 x 5.51 x 3.35
Shipping Weight (kg)	0.16
Unit Dimensions (hwd / in.)	0.600 x 5.000 x 2.400
Unit Dimensions (hwd / cm)	1.4 x 12.6 x 6.2
Unit Packaging Type	Box
Unit Weight (lbs.)	0.30
Unit Weight (kg)	0.14
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)	USB-A: 5V/2A (10W), USB-C PD: 20V/5W (100W)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)

EDID Compatible	Yes
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
CONNECTIONS	
Number of Ports	9
Ports	1
Ports Detail	Connect to a wired Gigabit Ethernet network via the built-in RJ45 port on the dock.
Dock Connectors	USB-C, USB-C PD Data/Charging, (3) USB-A 3.2 Gen1, MICRO SD, SD, HDMI, RJ45
Side A - Connector 1	USB C (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	(3) USB A (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	USB C (FEMALE)
Side B - Connector 5	MICRO SD (FEMALE)
Side B - Connector 6	SD (FEMALE)
Connector Plating	Nickel
Connector Style	Straight
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	4
USB Specification	USB 3.2 Gen 1 (up to 5 Gbps)
Data Transfer Rate	5 Gbps
MST Support	No
Multi-Resolution Support	No
Network Speed Support	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
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
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables

STANDARDS & COMPLIANCE	
Product Certifications	ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty