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 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).

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

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

(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.

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.

Specifications

OVERVIEW	
UPC Code	037332241016
Product Type	Docking Station
Device Compatibility	Chromebook; Computer; Laptop; Monitor/HDTV; Phone
Technology	Cat5/5e; Cat6; HDMI
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 (4K X 2K) @ 30HZ
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); USB C (FEMALE)

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	USB-C: 100W (20V 5A) Power Delivery (PD 3.0); USB-A: 5V 1.5A (7.5W)
Charging Ports / Amps	1.5A; 5A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet

PHYSICAL	
Color	Black
Material of Construction	Aluminum
Connector Color	Gray
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	8
Shipping Weight (lbs.)	0.25
Shipping Weight (kg)	0.11
Unit Dimensions (hwd / in.)	0.500 x 4.100 x 1.900
Unit Dimensions (hwd / cm)	1.3 x 10.5 x 4.9
Unit Packaging Type	Box
Unit Weight (lbs.)	0.25
Unit Weight (kg)	0.11

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	8
RJ45 Ports	1
RJ45 Ports Detail	Connect to a wired Gigabit Ethernet network via the built-in RJ45 port on the dock.
Dock Connectors	USB-C PD Data/Charging, (3) USB-A 3.2 Gen 1, MICRO SD, SD, HDMI, RJ45
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Side B - Connector 3	(3) USB A (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	3
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