

# USB-C Dock, Dual Display - 4K HDMI, VGA, USB 3.x (5Gbps), USB-A/C Hub, GbE, 100W PD Charging

MODEL NUMBER: U442-DOCK6-GY



USB-C docking station with PD Charging adds HDMI, VGA, USB 3.2 and Gigabit Ethernet ports to your Windows laptop, tablet or PC.

## Features

**Portable 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 Windows laptop, Chromebook, smartphone or PC's USB-C or Thunderbolt 3 port. It's ideal for transmitting 4K or 1080p video and digital audio to a large display, adding a thumb drive and other USB peripherals, powering and charging the host device with up to 100 Watts of PD Charging power, and connecting to a Gigabit Ethernet network—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.

### Expand Your Workspace Capabilities with 4K HDMI or 1080p VGA Monitors

The HDMI output supports true 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 with a user-supplied HDMI cable (sold separately, see [P568-Series HDMI cable](#) product pages for details). A DVI display may also be connected using an HDMI to DVI adapter (sold separately). The VGA port supports high-definition resolutions up to 1920 x 1200, including 1080p, at 60 Hz. The dock is capable of extending a computer's desktop to a single display, or transmitting mirrored 1080p video to either or both VGA and HDMI displays at the same time.

**USB Ports Connect Keyboards, Thumb Drives and Other Peripherals** One USB-C and two USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. Both USB-A ports support 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

- Extend your desktop to a connected HDMI or VGA display, or transmit mirrored content to both displays simultaneously
- Supports true 4K resolutions up to 4096 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 and USB-A ports allow connection of flash drives and other peripherals

## Applications

- Extend a desktop or mirror multiple displays to aid in multitasking and increase productivity
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Save data to a USB-enabled thumb drive or external hard drive
- Charge your notebook or laptop by connecting its wall charger to the USB-C PD Charging port

## System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with HDMI, VGA or DVI\* input

\*Requires adapter (sold separately)

## Package Includes

- U442-DOCK6-GY USB-C Dock, Dual Display, Gray
- Owner's manual



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**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, see [N201-Series Cat6 UTP cables](#) product pages for details), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

**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	037332240774
Product Type	Docking Station
Device Compatibility	Chromebook; Computer; Laptop; Monitor/HDTV; Phone; Printer; Tablet
Technology	Cat5/5e; Cat6; HDMI; VGA/SVGA; USB 3.x
Country/Region	Global
Host Connector	USB C (MALE)
VIDEO	
Video Input	USB C (MALE)
Video Output	HD15 (FEMALE); HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	HDMI (FEMALE); HD15 (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.4
Resolutions Supported	HDMI: 4K 30 Hz (4096 x 2160)VGA: 1080p 60 Hz (1920 x 1200)
Supported Resolutions	1920x1080 (1080p); 1920x1200; 3840x2160 (4K)
Max Supported Video Resolution	HDMI: 4096 x 2160, including 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ
Recommended Cabling	<a href="#">P568-Series High Speed 4K HDMI Cabling</a> <a href="#">P502-Series 1080p VGA Cabling</a>
Extended Mode	Yes
Extended Mode Details	Extend your laptop or PC's desktop to a connected display at resolutions up to 4K (HDMI) or 1080p (VGA). <b>Note:</b> Only one monitor may be used in extended mode. Connecting both HDMI and VGA displays simultaneously will result in both monitors displaying the same image.
Mirror Mode	Yes
Mirror Mode Details	Mirror your laptop or PC's video output to a connected display at resolutions up to 4K (HDMI) or 1080p (VGA). Both ports may be used simultaneously to mirror video output at 1080p/60 Hz. <b>Note:</b> When both video outputs are connected at the same time the VGA output becomes the primary extended monitor and the HDMI monitor will mirror it. The maximum resolution will automatically be renegotiated to the lowest video format, in this case 1080p.



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Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
DSC Support	Yes
<b>DATA</b>	
Data Ports	(1) USB C (FEMALE); (2) USB A (FEMALE)
Data Ports Details	(1) USB-C - USB 3.2 Gen 1 (5 Gbps); (2) USB-A - USB 3.2 Gen 1 (5 Gbps)
<b>NETWORK</b>	
Network Ports	RJ45 (FEMALE)
<b>INPUT</b>	
Bus Powered	Yes
<b>BATTERY</b>	
Battery Charging (5V/1.5A Port)	Yes
<b>POWER</b>	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
<b>CONNECTIONS</b>	
Number of Ports	6
Ports	1
Ports Detail	Connect to a wired Gigabit Ethernet network via the built-in RJ45 port on the dock.
Dock Connectors	USC-C PD Data/Charging, USB-A 3.0, USB-A 3.0 BC 1.2, HDMI, VGA, RJ45
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	HD15 (FEMALE)
Side B - Connector 3	USB C (FEMALE)
Side B - Connector 4	(2) USB A (FEMALE)
Side B - Connector 5	RJ45 (FEMALE)



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Connector Plating	Nickel
Connector Style	Straight
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	White (Connection to Power) and Orange (Activity)
<b>CHARGING</b>	
Number of Charging Ports	3
Total Charging Amps	5
Total Charging Watts	100
Charging Port Type	(2) USB A (FEMALE); 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 devices, the other supports 900mA downstream chargingBoth USB-A ports share 5V 1.6A (8W) 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; Tablet
<b>PHYSICAL</b>	
Color	Gray
Material of Construction	Aluminum
Cable Jacket Color	Black
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	6
Shipping Dimensions (hwd / in.)	0.91 x 5.51 x 3.94
Shipping Dimensions (hwd / cm)	2.31 x 14.00 x 10.01
Shipping Weight (lbs.)	0.21
Shipping Weight (kg)	0.10
Unit Dimensions (hwd / in.)	0.600 x 3.700 x 1.900
Unit Dimensions (hwd / cm)	1.4 x 9.5 x 4.9
Unit Packaging Type	Box



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Unit Weight (lbs.)	0.18
Unit Weight (kg)	0.08
<b>ENVIRONMENTAL</b>	
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/1.6A (8W), USB-C PD: 20V/5W (100W)
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
EDID Compatible	Yes
IEEE Standards Supported	802.3; 802.3az; 802.3u; 802.3x
<b>FEATURES &amp; SPECIFICATIONS</b>	
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); 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
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
<b>STANDARDS &amp; COMPLIANCE</b>	
TAA Compliant Option	N
Product Certifications	ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA



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WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	3-year limited warranty
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