

# USB-C Dock - 4K HDMI, USB 3.x (5Gbps), USB-A/C Hub Ports, 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 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.

**Detachable 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. 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 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                       | 037332241023                                                                                                                 |
| Product Type                   | Docking Station                                                                                                              |
| Device Compatibility           | Chromebook; Laptop; Monitor/HDTV; Phone                                                                                      |
| Technology                     | Cat5/5e; Cat6; HDMI; Thunderbolt; 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            | <a href="#">P568-Series High Speed 4K HDMI Cables</a>                                                                        |
| 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                                                                                 |
| <b>DATA</b>                                    |                                                                                     |
| 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)              |
| <b>NETWORK</b>                                 |                                                                                     |
| Network Ports                                  | RJ45 (FEMALE)                                                                       |
| <b>STORAGE</b>                                 |                                                                                     |
| Card Slots                                     | SD (FEMALE); MICRO SD (FEMALE)                                                      |
| Card Slots Details                             | SD 3.0 Memory Card slots (SD and MicroSD) can be used simultaneously                |
| <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                                | 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                                                                                                                                                                                                                                                                           |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                                                                                                                                                                                                                                                    |
| LED Indicators                               | White (Connection to Power) and Orange (Activity)                                                                                                                                                                                                                                  |
| <b>CHARGING</b>                              |                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                     |
| <b>PHYSICAL</b>                              |                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                |



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|                                       |                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------|
| Unit Weight (lbs.)                    | 0.30                                                                               |
| Unit Weight (kg)                      | 0.14                                                                               |
| <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/2A (10W), 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               | 4                                                                                  |
| 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                                                                                |
| SD Card Specification                 | SD; Micro SD                                                                       |
| 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)                                                        |



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|                                     |                                           |
|-------------------------------------|-------------------------------------------|
| Product Compliance                  | CE (Europe); FCC (USA); REACH; RoHS; UKCA |
| <b>WARRANTY &amp; SUPPORT</b>       |                                           |
| Product Warranty Period (Worldwide) | 3-year limited warranty                   |

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