1000 Eaton Boulevard
Cleveland, OH 44122
United States

# USB-C Dock, Dual Display - 4K 60 Hz HDMI, USB 3.2 Gen 1, USB-A Hub, GbE, Memory Card, 100W PD Charging, Gray

## MODEL NUMBER: **U442-DOCK8G-GG**











USB-C docking station with PD Charging connects 2 HDMI displays, USB-A peripherals and Ethernet to your Chromebook, Windows laptop or tablet.

### Features

**USB-C Docking Station Turns Your Laptop 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 two large displays, adding a thumb drive and other USB peripherals, connecting to a wired Gigabit Ethernet network, and powering and charging a PD Charging-compliant mobile device, 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 (DP) Alt Mode, you can output 4K video and digital audio to an HDMI monitor, television or projector without installing special software drivers.

**Transmits 4K Video to 2 HDMI Displays Simultaneously**
Two HDMI outputs each support 4K video resolutions up to 3840 x 2160 at 60 Hz with multi-channel sound, 36-bit Deep Color and 4:4:4 chroma subsampling. You can display the image from the host computer on both monitors, extend your host desktop across both with different windows open on each, or combine both into one large display as a video wall. Connect both monitors in Extended (4K at 30 Hz under MST/Windows) or Mirror (4K at 60 Hz under SST/Mac) mode. ***Note**: When connecting a DP 1.4 Alt Mode host, the maximum HDMI resolution is 4K at 60 Hz for one monitor and 4K at 30 Hz for two. When connecting a DP 1.2 Alt Mode host, the maximum HDMI resolution is 4K at 30 Hz for one monitor and 1080p at 60 Hz for two, due to bandwidth limitation.*

**USB Ports Connect Keyboards, Thumb Drives and Other Peripherals**
Two USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards and printers. They support fast USB 3.2 Gen 1 data transfer rates up to 5 Gbps and are backward compatible with earlier USB generations. One dedicated port also supports 5V 1.5A (7.5W) of charging power dedicated to fast-charging your mobile device. ***Note**: Host must support USB OTG (USB 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 the connected PD Charging-compliant device. Connect the device's AC wall charger to the USB-C PD port, which supports power input up to

### Highlights

Converts audio/video signals from sources supporting USB-C DisplayPort Alt ModeSupports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear videoPower Delivery port supports 20V 5A (100W) power output for charging host deviceUSB-A and memory card ports allow connection of flash drives and other peripheralsConnects you to a wired Gigabit Ethernet network when Wi-Fi is unavailable

### Applications

- Play 4K video from your laptop or PC on 2 HDMI displays
- Extend or mirror your desktop image across multiple displays at the same time
- Transfer data between your host computer and 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
- Access a wired Gigabit Ethernet network in a location with no or spotty Wi-Fi

### System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device(s) with HDMI input
- Multi-Stream Transport (MST) required to achieve extended dual displays; typically, Windows systems support MST
- Single-Stream Transport (SST) required to achieve mirrored dual displays; typically, Mac systems support SST

### Package Includes

- U442-DOCK8G-GG USB-C Dock, Dual Display, Gray
- Owner's manual

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20V 5A (100W). ***Note**: 15W is dedicated to USB ports with remaining 85W available for PD Charging. This 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 card slots can 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, Chromebooks and other devices equipped with a USB-C or Thunderbolt 3 port. It requires no extra software to be downloaded or installed and no external power. It fits into a purse, backpack or laptop bag for multiport convenience wherever you go.

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332261298 |
| Product Type | Docking Station |
| Technology | HDMI; USB 3.x |
| Host Connector | USB C (MALE) |
| **VIDEO** | |
| Number of Monitors Supported | 2 |
| Video Ports | (2) HDMI (FEMALE) |
| Video Ports Details | HDMI 2.0; HDCP 1.4; HDCP 2.2 |
| Resolutions Supported | 3840 x 2160 @60Hz (Single)3840 x 2160 @30Hz (Dual Extended) |
| Max Supported Video Resolution | 3840 x 2160 @60Hz (Single); 3840 x 2160 @30Hz (Dual Extended) |
| Extended Mode | Yes |
| Extended Mode Details | Dual 3840x2160 @ 30 Hz under MST mode (Windows System) Extended |
| Mirror Mode | Yes |
| Mirror Mode Details | Dual 3840*2160@60Hz under SST mode (Mac System) Mirrored |
| Max Supported Color Depth | 36-bit Deep Color |
| HDR Support | No |
| Chroma Sub Sampling | 4:2:2; 4:4:4 |

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| **DATA** | |
| Data Ports | (2) USB A (FEMALE) |
| Data Ports Details | (2) USB-A - USB 3.2 Gen 1 (5 Gbps) |
| **NETWORK** | |
| Network Ports | RJ45 (FEMALE) |
| **STORAGE** | |
| Card Slots | MICRO SD (FEMALE); SD (FEMALE) |
| **INPUT** | |
| Built-In Cable Length (ft.) | 0.4 |
| 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** | |
| Power Consumption (Watts) | 15.00 |
| USB Power Delivery (PD) Charging Support | Yes |
| USB Power Delivery (PD) Charging Specification | 100W; 3.0 |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| LED Indicators | RJ45 Port: White (Connection), Orange (Activity) |
| **CHARGING** | |
| Total Charging Watts | 100 |
| Charging Ports | USB-A: 5V 1.5A (7.5W) ; USB-C: 85W Power Delivery (PD 3.0) |
| Charging Ports / Amps | 1.5A; 5A |
| **PHYSICAL** | |
| Color | Black; Gray |
| Material of Construction | Aluminum, ABS |
| Cable Jacket Material | TPE |
| Cable Jacket Rating | VW-1 |

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| Shipping Weight (lbs.) | 0.22 |
| Unit Dimensions (hwd / in.) | 4.330 x 0.450 x 2.320 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.2 |
| Unit Weight (kg) | 0.09 |
| **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/1.5A (7.5W), USB-C: 20V/5A (100W) |
| **COMMUNICATIONS** | |
| Network Compatibility | 1 Gbps (Gigabit) |
| **CONNECTIONS** | |
| Number of Ports | 8 |
| Dock Connectors | (2) USB-A 3.0, USB-C PD Charging, RJ45, (2)HDMI, MICRO SD, SD |
| Side A - Connector 1 | USB C (MALE) |
| Side B - Connector 1 | (2) HDMI (FEMALE) |
| Side B - Connector 2 | (2) USB A (FEMALE) |
| Side B - Connector 3 | USB C (FEMALE) |
| Side B - Connector 4 | MICRO SD (FEMALE); SD (FEMALE) |
| Side B - Connector 5 | RJ45 (FEMALE) |
| Connector Plating | Nickel |
| **FEATURES & SPECIFICATIONS** | |
| Over Current Protection | Y |
| Displayport Specification | 1.2; 1.4 |
| HDCP Specification | 1.4; 2.2 |
| USB Hub Ports | Yes |
| Number of USB Hub Ports | 2 |
| USB Specification | USB 3.0 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps) |
| Driver Required | No |
| Recommended Category Cable | Cat5e/6/6a Cables |

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| UASP Support | No |
| Auto MDIX Support | No |
| Full Duplex Support | Yes |
| Suspend Mode Support | Yes |
| Remote Wakeup Support | Yes |
| Quick Charge Compliant | No |
| SD Card Specification | SD; Micro SD |
| Ethernet Support | Yes |
| **STANDARDS & COMPLIANCE** | |
| TAA Compliant Option | N |
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA) |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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