

USB-C Docking Station, HDMI, VGA, DP, USB-A/C, GbE, 100W PD Charging, Power Supply Included - 4K, Thunderbolt 3, Silver

MODEL NUMBER: U442-DOCK4-S



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

Features

USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a WorkstationThis 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 digital audio and video to a large display, adding a thumb drive or other USB peripheral, 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 Transmitting Audio/Video SignalsBy 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 a compatible monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 4K Video and Digital AudioThe HDMI and DisplayPort (DP) outputs support Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz. The VGA port supports HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz. A Mini DisplayPort or DVI display may also be connected using a DP to mDP or HDMI to DVI adapter (sold separately).

USB Ports Connect Keyboards, Thumb Drives and Other PeripheralsOne USB-C and four 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 (10 times faster than USB 2.0) and are backward compatible with USB 2.0 and USB 1.1 devices. Two ports also support 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile devices. **Note:** Host must support USB OTG (On-the-Go).

PD Charging Port Charges the Connected Notebook, Tablet or Other DeviceThe USB-C port supports Power Delivery (PD) 2.0 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. **Note:** USB-C PD port does not support Quick Charge (QC).

Accesses a Wired Gigabit Ethernet NetworkThe RJ45 port offers access to a Gigabit Ethernet network when no Wi-Fi is available or when a wired connection offers faster speeds. Connect using a UTP cable

Highlights

- Connects 3 displays at the same time for easy multitasking and increasing productivity
- Supports Ultra HD 4K resolutions up to 3840 x 2160 @ 30 Hz for crystal-clear video
- Joins a wired 10/100/1000 Gigabit Ethernet network when no Wi-Fi is available
- Supports 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C and USB-A data ports allow connection of flash drives and other peripherals

Applications

- Extend or mirror your laptop or PC monitor on 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
- 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 DisplayPort, HDMI, VGA, Mini DisplayPort* or DVI* input
- Not for use with Thunderbolt monitors

*Requires adapter (sold separately)

Note: It is recommended that the host PC allows for administrator access when connecting the dock for the first time. This allows the built-in drivers to install in the background correctly. Failure to allow this connection to occur properly can result in device malfunctions including

(sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

Connects Speakers, Microphone and Other Audio EquipmentThe USB-C hub's 3.5 mm mini stereo jacks are convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

Detachable USB-C Cable Connects 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.

Ready to Use Right Out of the PackageThe 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 slightly larger than an average smartphone, but compact enough to fit easily into your desk space without taking up much valuable room. **Note:** *It is recommended that the host PC allows for administrator access when connecting the dock for the first time. This allows for the built-in drivers to install in the background correctly.*

unresponsive ports, video transmission failure and inability to connect to a wired Ethernet network.

Package Includes

- U442-DOCK4-S USB-C Dock, Dual Display, Silver
- USB-C cable (M/M), 1 ft. (0.3 m)
- External power supply (Input: 100–240V, 50/60 Hz, 1.8A; Max Output: 20V 3.6A)
- C7 to NEMA 1-15P Adapter, 4 ft. (1.2 m)
- Owner's manual

Specifications

| OVERVIEW | |
|--------------------------------|---|
| UPC Code | 037332213518 |
| Product Type | Docking Station |
| Device Compatibility | Amazon Kindle; Chromebook; Computer; DVR; Headphones; Laptop; Monitor/HDTV; Phone; Printer; Projector; Tablet; Watch |
| Technology | Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; USB 3.x; VGA/SVGA |
| Country/Region | North America |
| Host Connector | USB C (MALE) |
| VIDEO | |
| Video Input | USB C (FEMALE) |
| Video Output | DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE) |
| Number of Monitors Supported | 3 |
| Video Ports | DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE) |
| Video Ports Details | DisplayPort 1.2; HDMI 1.4; HDCP 1.4 |
| Resolutions Supported | DisplayPort: 4K 30Hz (3840 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz |
| Max Supported Video Resolution | DP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ |
| Recommended Cabling | P568-Series 4K HDMI Cables P502-Series High-Resolution VGA Cables P580-Series 4K DisplayPort Cables |
| Extended Mode | Yes |

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|---|--|
| Extended Mode Details | Supports single, double and triple display video outputs from a Windows PC that supports MST:- Dual Display: HDMI (up to 1920 x 1080 @ 60 Hz) + VGA (up to 1920 x 1200 @ 60 Hz), HDMI (up to 1920 x 1080 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz), or VGA (up to 1920 x 1200 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz)- Triple Display: Supports 3 displays under MST mode. Displays share max 10.8 Gbps bandwidth (ex: x1 display at 1080p/60Hz + dual 720p/60Hz)Note: Some host PC's only support up to 3 displays total. If necessary the display of the host PC should be turned off in order to support the three connected displays. When multiple displays are connected and one display is using a higher video resolution than the other(s) there is a chance not all displays will function due to a lack of bandwidth. This can be fixed by connecting each display and setting the resolution one by one. |
| Mirror Mode | Yes |
| Mirror Mode Details | Supports single, double and triple display video outputs from a Windows PC that supports MST:- Dual Display: HDMI (up to 1920 x 1080 @ 60 Hz) + VGA (up to 1920 x 1200 @ 60 Hz), HDMI (up to 1920 x 1080 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz), or VGA (up to 1920 x 1200 @ 60 Hz) + DisplayPort (up to 1920 x 1080 @ 60 Hz)- Triple Display: Supports 3 displays under MST mode. Displays share max 10.8 Gbps bandwidth (ex: x1 display at 1080p/60Hz + dual 720p/60Hz)Note: Some host PC's only support up to 3 displays total. If necessary the display of the host PC should be turned off in order to support the three external displays. When multiple displays are connected and one display is using a higher video resolution than the other(s) there is a chance not all displays will function due to a lack of bandwidth. This can be fixed by connecting each display and setting the resolution one by one. |
| Max Supported Color Depth | 36-bit Deep 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 |
| AUDIO | |
| Audio Ports | (2) 3.5MM (FEMALE) |
| Audio Ports Details | Two 3.5mm audio jacks provide access to a speaker, microphone or headphones |
| DATA | |
| Data Ports | (1) USB C (FEMALE); (4) USB A (FEMALE) |
| Data Ports Details | (1) USB-C - USB 3.2 Gen 1 (5 Gbps); (4) USB-A - USB 3.2 Gen 1 (5 Gbps) |
| NETWORK | |
| Network Ports | RJ45 (FEMALE) |
| INPUT | |
| AC Power Adapter Plug(s) | NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 1.8A |
| AC Power Adapter Output Specs (V / A) | 20V / 3.6A |
| AC Power Adapter Cord Length (ft.) | 4.0 |
| AC Power Adapter Cord Length (m) | 1.22 |

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| Input Cord Gauge (AWG) | 32 |
| Voltage Compatibility (VAC) | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240 |
| Bus Powered | No |
| BATTERY | |
| Battery Charging (5V/1.5A Port) | Yes |
| POWER | |
| Power Source Type | AC Adapter with detachable power cord |
| AC Plug Type | NEMA 1-15P |
| AC Adapter | Input: 100–240V, 50/60 Hz, 1.8A; Max Output: 20V, 3.6A |
| DC Barrel Plug | OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve |
| Power Consumption (Watts) | 10 |
| USB Power Delivery (PD) Charging Support | Yes |
| USB Power Delivery (PD) Charging Specification | 3.0 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Green (Power), Orange (Transmitting Data) |
| CHARGING | |
| Total Charging Watts | 100 |
| 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; Portable Speaker; Smartphone; Tablet |
| PHYSICAL | |
| Color | Silver |
| Material of Construction | Aluminum, PVC |
| Cable Jacket Color | White |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | VW-1 |
| Cable Outer Diameter (OD) | 4.5mm |
| Wire Gauge (AWG) | 32 |
| Cable Length (ft.) | 1 |
| Cable Length (m) | 0.30 |
| Cable Length (in.) | 12 |

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|---------------------------------------|--|
| Cable Length (cm) | 31 |
| Total Number of Ports | 12 |
| Shipping Dimensions (hwd / in.) | 2.28 x 9.45 x 7.87 |
| Shipping Weight (lbs.) | 3.00 |
| Unit Dimensions (hwd / in.) | 0.870 x 7.800 x 3.300 |
| Unit Dimensions (hwd / cm) | 2.2 x 19.7 x 8.5 |
| Unit Dimensions (hwd / mm) | 22 x 197 x 85 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.94 |
| Unit Weight (kg) | 0.43 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 113°F (0° to 45°C) |
| Storage Temperature Range | 14° to 158°F (-10° to 70°C) |
| BTUs | 34.1 BTU/Hr |
| 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/0.9A (4.5W), USB-C PD: 20V/5W (100W) |
| COMMUNICATIONS | |
| Network Compatibility | 1 Gbps (Gigabit) |
| IEEE Standards Supported | 802.3; 802.3u; 802.3az; 802.3x |
| CONNECTIONS | |
| Number of Ports | 12 |
| Ports | 1 |
| Ports Detail | RJ45 port supports true 10/100/1000 Mbps Ethernet network speeds |
| Side A - Connector 1 | USB C (FEMALE) |
| Side B - Connector 1 | DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE) |
| Side B - Connector 2 | RJ45 (FEMALE) |
| Side B - Connector 3 | (4) USB A (FEMALE) |
| Side B - Connector 4 | (2) 3.5MM (FEMALE) |
| Side B - Connector 5 | USB C (FEMALE) |
| Connector Plating | Nickel |
| FEATURES & SPECIFICATIONS | |

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| Overvoltage Protection | No |
| Over Current Protection | N |
| USB Hub Ports | Yes |
| Number of USB Hub Ports | 5 |
| USB Specification | USB 3.2 Gen 1 (up to 5 Gbps) |
| MST Support | Yes |
| Ethernet Support | Yes |
| Displayport Specification | 1.2 |
| HDCP Specification | 1.4 |
| Driver Required | Yes |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |
| STANDARDS & COMPLIANCE | |
| External Power Supply Certifications | CE; RoHS; UL; cUL |
| Product Certifications | ICES (Canada); NOM (Mexico) |
| Product Compliance | FCC Part 15 Class B (USA); WEEE |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |