

USB-C Dock, Triple Display - 4K HDMI/DisplayPort, VGA, USB 3.x (5Gbps), USB-A/C Hub Ports, GbE, 100W PD Charging, EU/UK Power Supply

MODEL NUMBER: U442-DOCK4-INT



USB-C docking station with PD Charging adds HDMI, DP, VGA, 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 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 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 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 a compatible monitor, television or projector without installing special software drivers.

Transmits Crystal-Clear 4K Video and Digital Audio

The 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 (mDP) or DVI display may also be connected using a DP-to-mDP or HDMI-to-DVI adapter (sold separately).

DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays

By connecting the detachable USB-C cable to a source that supports DisplayPort MST Mode, you may connect up to three displays simultaneously. This allows you to display the same image on all monitors, extend your host desktop across all with different windows open on each, or combine all into one large display as a video wall. See the included owner's manual for various combinations and video resolutions.

Note: For a triple-monitor installation, all three display outputs must be connected to the U442-DOCK4-INT before connecting the included power supply and powering on the dock. If only two of the three connected displays are operating, power must be cycled by removing power from the unit while all three displays are still connected, and then reconnecting the power supply.

USB Ports Connect Keyboards, Thumb Drives and Other Peripherals

One 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)

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

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)

Package Includes

- U442-DOCK4-INT Triple Display USB-C Docking Station
- USB-C cable (M/M), 2.6 ft. (0.8 m)
- External power supply (Input: 100-240V, 50/60 Hz, 1.8A; Output: 20V 3.6A)
- (2) International power cables (Europe, U.K.), 1.2m (4-ft.)
- Owner's manual



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of power dedicated to fast-charging your mobile device.

PD Charging Port Charges the Connected Notebook, Tablet or Other Device

The USB-C port supports Power Delivery (PD) 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.

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.

Connects Speakers, Microphone and Other Audio Equipment

The 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.

Ready to Use Right Out of the Package

The plug-and-play USB-C dock is specifically designed for use with PCs, 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 and 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.

Specifications

| OVERVIEW | |
|--------------------------------|--|
| UPC Code | 037332273062 |
| 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 | Global |
| 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); HD15 (FEMALE); HDMI (FEMALE) |
| Video Ports Details | HDMI 1.4; HDCP 1.4; DisplayPort 1.4 |
| Resolutions Supported | DisplayPort: 4K 30Hz (3840 x 2160)HDMI: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz |
| Supported Resolutions | 1280x720 (720p); 1920x1080 (1080p); 1920x1200; 3840x2160 (4K) |
| Max Supported Video Resolution | HDMI/DP: 3840 X 2160 @ 30HZ; VGA: 1920 X 1200 @ 60HZ |
| Recommended Cabling | <u>P568-Series 4K HDMI Cables</u> P502-Series High-Resolution VGA CablesP580-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 to 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 | (4) USB A (FEMALE); (1) USB C (FEMALE) |
| Data Ports Details | (4) USB-A - USB 3.2 Gen 1 (5 Gbps); (1) USB-C - USB 3.2 Gen 1 (5 Gbps) |
| NETWORK | |
| Network Ports | RJ45 (FEMALE) |
| Network Ports Details | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit) |
| INPUT | |
| AC Power Adapter Plug(s) | BS 1363 UK; CEE 7/16 Schuko |
| 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.) | 3.94 |



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| AC Power Adapter Cord Length (m) | 1.2 |
| 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 | BS1363; CEE 7/16 Schuko |
| DC Barrel Plug | OD: 5.5 x 2.5 x 10mm, Positive Pin, Negative Sleeve |
| Power Consumption (Watts) | 10.00 |
| USB Power Delivery (PD) Charging Support | Yes |
| USB Power Delivery (PD) Charging Specification | 3.0 |
| CONNECTIONS | |
| Number of Ports | 12 |
| Ports | 1 |
| Ports Detail | RJ45 port supports true 10/100/1000 Mbps Ethernet network speeds |
| Dock Connectors | DISPLAYPORT, HDMI, VGA, RJ45 LAN, 2X USB2.0A, 2X 3.5MM, USB-C, 2X USB3.0A |
| 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 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Green (Power), Orange (Transmitting Data) |
| CHARGING | |
| Number of Charging Ports | 4 |
| Total Charging Watts | 100 |
| Charging Port Type | (4) USB A (FEMALE); USB C (FEMALE) |
| Charging Ports | (2) USB-A: 2A; USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0) |



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| Charging Ports Details | The total shared USB charging budget of the x4 USB-A ports and x1 USB-C Data/Charging port is 12W (5V/2.4A)The USB-A Fast Charging port supports up to 7.5W (5V/1.5A)The USB-C Data/PD Charging port supports PD 3.0 Charging up to 100W (20V/5A) and Fast Role Swap |
| Charging Ports / Amps | 1.5A; 2.4A; 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.) | 2.62 |
| Cable Length (m) | 0.80 |
| Cable Length (in.) | 31.5 |
| Cable Length (cm) | 80 |
| Total Number of Ports | 12 |
| Shipping Dimensions (hwd / in.) | 2.20 x 7.70 x 9.40 |
| Shipping Weight (lbs.) | 2.90 |
| 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 90% RH, NON-CONDENSING |
| Storage Humidity Range | 10% TO 90% RH, NON-CONDENSING |
| Power Provided to Connected Device(s) | USB-C PD Port: 20V/5A (100W), USB-A Battery Charging Port: 5V/1.5A (7.5W), x4 USB-A & x1 USB-C Ports: 5V/2.4A (12W) |
| COMMUNICATIONS | |



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| Network Compatibility | 1 Gbps (Gigabit) |
| IEEE Standards Supported | 802.3; 802.3u; 802.3az; 802.3x |
| FEATURES & SPECIFICATIONS | |
| Overvoltage Protection | No |
| Over Current Protection | N |
| Quick Charge Compliant | No |
| USB Hub Ports | Yes |
| Number of USB Hub Ports | 5 |
| 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) |
| MST Support | Yes |
| Multi-Resolution Support | Yes |
| 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 |
| Displayport Specification | 1.2 |
| HDCP Specification | 1.4 |
| Driver Required | Yes |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |
| STANDARDS & COMPLIANCE | |
| TAA Compliant Option | N |
| External Power Supply Certifications | CE; GS; LPS; TUV; WEEE; cUL |
| Product Certifications | ICES (Canada); NOM (Mexico) |
| Product Compliance | CE (Europe); FCC Part 15 Class B (USA); REACH; RoHS3; UKCA; WEEE |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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