

When connecting to speakers or headphones for the first time, the sound channel will take precedence.

Change your audio preference via the host device's System Preference menu.

## USB-C Dock, Dual Display - 4K HDMI/mDP, VGA, USB 3.2 Gen 1, USB-A/C Hub, GbE, Memory Card, 100W PD Charging

MODEL NUMBER: **U442-DOCK1-B**



USB-C dock adds HDMI, VGA, mDP, USB, PD Charging and other ports to your Chromebook, Windows laptop or PC.

### Features

#### USB-C Docking Station Turns Your Device's USB-C or Thunderbolt 3 Port into a Multiport Workstation

This multiport USB-C dock expands the potential of your Windows laptop or other device with a 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 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 a monitor, television or projector without installing special software drivers.

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

**Connects Up to 2 Displays at the Same Time** Connecting two external monitors simultaneously allows you to display the same image 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 dual monitors in Extended (4K @ 30 Hz mDP with 1080p HDMI or 720p VGA) and Mirror (1080p mDP with 1080p HDMI or 1080p VGA) modes. HDMI and VGA video ports will not work simultaneously.

**Connects USB Peripherals** The USB-A hub ports accept up to three 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 USB 2.0 and USB 1.1 devices. One USB port also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device. Note: Host must support USB OTG (On-the-Go).

**PD 3.0 Fast Role Swap Charging Port Charges Connected Device via AC Wall Charger** The USB-C

### Highlights

- Connects 2 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
- Provides 20V 5A (100W) power output for fast-charging large-capacity mobile devices
- USB-C, USB-A and memory card readers allow connection of flash drives and other peripherals

### Applications

- Play video from your laptop or PC on an HDMI, VGA or mDP display, such as an HDTV or projector
- Access a wired Ethernet network in a location with no or spotty Wi-Fi
- Transfer data to and from a USB flash drive, Micro SD or SD/MMC memory card
- 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\*, Mini DisplayPort, VGA, DVI\* or HDMI input

### Package Includes

- U442-DOCK1-B USB-C Docking Station, Dual Display, Black
- Owner's manual



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Power Delivery port supports power output up to 20V 5A (100W), which is sufficient for charging and powering the connected source device, such as an Android smartphone or Chromebook. Just connect the device's AC wall charger to the USB-C PD port. Note: USB-C PD port does not support Quick Charge (QC).

**Accesses a Wired Gigabit Ethernet Network**The 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 (sold separately), and enjoy true 10/100/1000 Mbps Ethernet speeds for fast data transfers.

**Connects Audio Equipment**The USB-C dock's 3.5 mm mini stereo jack is convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

**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.

**Built-In USB-C Cable Connects 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 Out of the Package**The plug-and-play USB-C dock for Windows laptops, Chromebooks and other devices requires no software, drivers or external power. The compact unit fits easily into a pocket, briefcase or laptop bag for connecting on the go.

## Specifications

| OVERVIEW                       |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| UPC Code                       | 037332209153                                                                            |
| Product Type                   | Docking Station                                                                         |
| Technology                     | Cat5/5e; Cat6; DisplayPort; HDMI; Stereo Audio; VGA/SVGA                                |
| Host Connector                 | USB C (MALE)                                                                            |
| VIDEO                          |                                                                                         |
| Number of Monitors Supported   | 2                                                                                       |
| Video Ports                    | MINI DISPLAYPORT (FEMALE); HDMI (FEMALE); HD15 (FEMALE)                                 |
| Video Ports Details            | DisplayPort 1.2; HDMI 1.4; HDCP 1.4                                                     |
| Resolutions Supported          | HDMI: 4K 30Hz (3840 x 2160)Mini DisplayPort: 4K 30Hz (3840 x 2160)VGA: 1920 x 1200 60Hz |
| Max Supported Video Resolution | MDP/HDMI: 3840 X 2160 (4K X 2K) @ 30HZ; VGA: 1920 X 1200 (1080P) @ 60HZ                 |
| Extended Mode                  | Yes                                                                                     |
| Extended Mode Details          | 1x Mini DP (4K 30Hz) + 1x HDMI (1080P 60Hz)1x Mini DP (4K 30Hz) +1x VGA (720P 60Hz)     |
| Mirror Mode                    | Yes                                                                                     |
| Mirror Mode Details            | 1x Mini DP (1080P) + 1x HDMI (1080P)1x Mini DP (1080P) +1x VGA (1080P)                  |
| HDR Support                    | No                                                                                      |
| Chroma Sub Sampling            | 4:4:4; 4:4:4; 4:2:2                                                                     |



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| AUDIO                                          |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| Audio Ports                                    | 3.5MM (FEMALE)                                                      |
| Audio Ports Details                            | 3.5mm Combo Stereo Audio / Microphone Jack                          |
| DATA                                           |                                                                     |
| Data Ports                                     | (3) USB A (FEMALE)                                                  |
| Data Ports Details                             | (3) USB-A - USB 3.2 Gen 1 (5 Gbps)                                  |
| NETWORK                                        |                                                                     |
| Network Ports                                  | RJ45 (FEMALE)                                                       |
| STORAGE                                        |                                                                     |
| Card Slots                                     | SD (FEMALE); MICRO SD (FEMALE)                                      |
| INPUT                                          |                                                                     |
| Built-In Cable Length (ft.)                    | 0.36                                                                |
| Built-In Cable Length (in.)                    | 4.33                                                                |
| Bus Powered                                    | Yes                                                                 |
| Product Length (in.)                           | 8.3                                                                 |
| Product Length (cm.)                           | 21.08                                                               |
| Product Length (ft.)                           | 0.69                                                                |
| Product Length (m.)                            | 0.21                                                                |
| BATTERY                                        |                                                                     |
| Battery Charging (5V/1.5A Port)                | Yes                                                                 |
| POWER                                          |                                                                     |
| Power Consumption (Watts)                      | 5                                                                   |
| USB Power Delivery (PD) Charging Support       | Yes                                                                 |
| USB Power Delivery (PD) Charging Specification | 3.0                                                                 |
| USER INTERFACE, ALERTS & CONTROLS              |                                                                     |
| LED Indicators                                 | RJ45 Port: Green (Power), Orange (Link)                             |
| CHARGING                                       |                                                                     |
| Total Charging Watts                           | 100                                                                 |
| Charging Ports                                 | USB-A: 5V 1.5A (7.5W); USB-C: 100W (20V 5A) Power Delivery (PD 3.0) |



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|                                       |                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------|
| Charging Ports / Amps                 | 1.5A; 5A                                                                                        |
| <b>PHYSICAL</b>                       |                                                                                                 |
| Material of Construction              | Aluminum, PVC                                                                                   |
| Color                                 | Black                                                                                           |
| Cable Jacket Rating                   | VW-1                                                                                            |
| Shipping Dimensions (hwd / cm)        | 2.29 x 13.21 x 16.51                                                                            |
| Shipping Dimensions (hwd / in.)       | 0.90 x 5.20 x 6.50                                                                              |
| Shipping Weight (kg)                  | 0.23                                                                                            |
| Shipping Weight (lbs.)                | 0.50                                                                                            |
| Unit Dimensions (hwd / in.)           | 0.67 x 2.95 x 5.39                                                                              |
| Unit Packaging Type                   | Box                                                                                             |
| Unit Weight (lbs.)                    | 0.22                                                                                            |
| Unit Weight (kg)                      | 0.10                                                                                            |
| <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)                                                                       |
| BTUs                                  | 17.1 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 BC 1.2: 5V/1.5A (7.5W), USB-A: 5V/1A (5W), USB-C PD: 20V/5A (100W)                          |
| <b>COMMUNICATIONS</b>                 |                                                                                                 |
| Network Compatibility                 | 1 Gbps (Gigabit)                                                                                |
| IEEE Standards Supported              | 802.3; 802.3u; 802.3az; 802.3x                                                                  |
| <b>CONNECTIONS</b>                    |                                                                                                 |
| Number of Ports                       | 11                                                                                              |
| Dock Connectors                       | (3) USB-A 3.0, 3.5mm Stereo, RJ45, HDMI, Mini DisplayPort, VGA, MICRO SD, SD, USB-C PD Charging |
| Side A - Connector 1                  | USB C (MALE)                                                                                    |
| Side B - Connector 1                  | HD15 (FEMALE); HDMI (FEMALE); MINI DISPLAYPORT (FEMALE)                                         |
| Side B - Connector 2                  | (3) USB 3.0 A (FEMALE)                                                                          |
| Side B - Connector 3                  | MICRO SD (FEMALE); SD (FEMALE)                                                                  |
| Side B - Connector 4                  | RJ45 (FEMALE)                                                                                   |
| Side B - Connector 5                  | USB C (FEMALE)                                                                                  |



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|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| Side B - Connector 6                 | 3.5MM (FEMALE)                                       |
| Connector Plating                    | Nickel                                               |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                      |
| Displayport Specification            | 1.2                                                  |
| HDCP Specification                   | 1.4                                                  |
| USB Hub Ports                        | Yes                                                  |
| Number of USB Hub Ports              | 3                                                    |
| USB Specification                    | USB 3.0 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps) |
| Driver Required                      | No                                                   |
| Recommended Category Cable           | Cat5/Cat5e/Cat6 Cables                               |
| 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                                         |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                      |
| Certifications                       | Tested to CE, FCC, RoHS, REACH                       |
| <b>WARRANTY</b>                      |                                                      |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                              |

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