

# USB-C Docking Station for Steam Deck and ROG Ally - 4K 60 Hz HDMI, USB Hub, Gigabit Ethernet, 100W PD Charging

MODEL NUMBER: U442-DOCKSD-1



Turns your handheld game console into a full desktop gaming PC with connections for keyboard/mouse, data storage, Gigabit Ethernet and PD charging.

## Features

### USB-C Docking Station Turns Your Handheld Gaming Console into a Desktop Gaming PC

This USB-C dock with PD charging expands the potential of your Steam Deck or ASUS ROG Ally. Just insert your game console into the docking station's cradle, and connect the dock's built-in USB-C cable to your handheld's USB-C port. You can now experience handheld gaming on a large 4K screen, connect a keyboard and mouse, transfer data to external storage, join a wired Gigabit Ethernet network and charge your gaming console to maximum power. **Note:** The U442-DOCKSD-1 is not compatible with Nintendo Switch because the Switch's USB-C input is on the bottom of the unit.

### Transmits 4K Video with HDR and 4:4:4 Color

The HDMI port supports Ultra HD 4K resolutions up to 3840 x 2160 at 60 Hz with 36-bit Deep Color for gameplay on a large monitor. The U442-DOCKSD-1 supports HDR (High Dynamic Range), providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. This dock also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming.

### PD Charging Port Supports up to 100W for Rapid Syncing and Charging

The Power Delivery port provides power output up to 20V 5A (100W), which is sufficient for fast-charging your Steam Deck or ROG Ally when not in use. Connect a user-provided USB-C charging cable (sold separately) between the USB-C PD charging port and a compatible USB-C PD charger. **Note:** The USB-C charger (power supply) that connects to this USB-C docking station must be certified for safety (UL/CSA/IEC/EN 62368-1) for the region in which the device will be used.

### USB Ports Connect Keyboards, Thumb Drives and Other Peripherals

One USB-C and one USB-A hub port accept USB peripherals, such as external storage drives, mice and keyboards. They support 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.

### 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 lag-free gaming.

### Ready to Use Right Out of the Package

## Highlights

- Connects Steam Deck or ROG Ally to a large-screen display for more immersive gaming
- HDMI port supports 4K @ 60 Hz with HDR, 4:4:4 chroma and 36-bit Deep Color
- USB-A and USB-C ports reach speeds up to 5 Gbps for storage drives or keyboard/mouse
- RJ45 port allows wired access to a Gigabit Ethernet network for online gaming
- Power Delivery port supports 20V 5A (100W) power output for charging game device

## System Requirements

- Steam Deck, ASUS ROG Ally or other similar handheld gaming system with USB-C input on top
- Host must support PD charging and DP Alt Mode from the USB-C port for device charging and video output

## Package Includes

- U442-DOCKSD-1 USB-C Docking Station for Steam Deck and ROG Ally
- Installation Instructions



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The plug-and-play USB-C dock is specifically designed for use with the Smart Deck or ROG Ally. It requires no extra software to be downloaded and installed.

## Specifications

| OVERVIEW                       |                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                       | 037332290649                                                                                                                                         |
| Product Type                   | Gaming Dock                                                                                                                                          |
| Device Compatibility           | Monitor/HDTV; Video Game System                                                                                                                      |
| Technology                     | HDMI; 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            | HDCP 1.4; DisplayPort 1.4; HDCP 2.3                                                                                                                  |
| Resolutions Supported          | 3840 X 2160 (4K) 60HZ                                                                                                                                |
| Supported Resolutions          | 3840x2160 (4K)                                                                                                                                       |
| Max Supported Video Resolution | 3840 X 2160 (4K) 60HZ                                                                                                                                |
| Recommended Cabling            | USB-C, USB-A, HDMI, CAT6 CABLES                                                                                                                      |
| Extended Mode                  | No                                                                                                                                                   |
| Mirror Mode                    | Yes                                                                                                                                                  |
| Mirror Mode Details            | Mirrors content from a Steam Deck or ASUS ROG Ally handheld gaming console to a connected HDMI display at resolutions up to 4K (3840 x 2160) @ 60 Hz |
| Max Supported Color Depth      | 36-bit Deep Color                                                                                                                                    |
| HDR Support                    | Yes                                                                                                                                                  |
| 3D Video Supported             | No                                                                                                                                                   |
| Chroma Sub Sampling            | 4:2:0; 4:2:2; 4:4:4                                                                                                                                  |
| EDID Support                   | No                                                                                                                                                   |
| Signal Transmission            | Unidirectional                                                                                                                                       |
| DisplayPort Alt Mode           | Yes                                                                                                                                                  |
| DSC Support                    | No                                                                                                                                                   |
| DATA                           |                                                                                                                                                      |
| Data Ports                     | (2) USB A (FEMALE); USB C (FEMALE)                                                                                                                   |



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|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Ports Details                             | (2) USB-A - USB 3.2 Gen 1 (5 Gbps); USB-C - USB 3.2 Gen 1 (5 Gbps)                                                                                                                        |
| <b>NETWORK</b>                                 |                                                                                                                                                                                           |
| Network Ports                                  | RJ45 (FEMALE)                                                                                                                                                                             |
| Network Ports Details                          | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)                                                                                                                                       |
| <b>INPUT</b>                                   |                                                                                                                                                                                           |
| Bus Powered                                    | Yes                                                                                                                                                                                       |
| Power Source                                   | USB                                                                                                                                                                                       |
| <b>BATTERY</b>                                 |                                                                                                                                                                                           |
| Battery Charging (5V/1.5A Port)                | Yes                                                                                                                                                                                       |
| <b>POWER</b>                                   |                                                                                                                                                                                           |
| Power Source Type                              | USB                                                                                                                                                                                       |
| USB Power Delivery (PD) Charging Support       | Yes                                                                                                                                                                                       |
| USB Power Delivery (PD) Charging Specification | 3.0                                                                                                                                                                                       |
| <b>CONNECTIONS</b>                             |                                                                                                                                                                                           |
| Number of Ports                                | 6                                                                                                                                                                                         |
| Ports Detail                                   | RJ45 (FEMALE), HDMI (FEMALE), X2 USB-C (FEMALE), X2 USB-A (FEMALE)                                                                                                                        |
| Dock Connectors                                | USB-C MALE                                                                                                                                                                                |
| Side A - Connector 1                           | USB C (MALE)                                                                                                                                                                              |
| Side B - Connector 1                           | RJ45 (FEMALE)                                                                                                                                                                             |
| Side B - Connector 2                           | (2) USB C (FEMALE)                                                                                                                                                                        |
| Side B - Connector 3                           | (2) USB A (MALE)                                                                                                                                                                          |
| Side B - Connector 4                           | (1) HDMI (MALE)                                                                                                                                                                           |
| Connector Plating                              | Nickel                                                                                                                                                                                    |
| Connector Style                                | Angled                                                                                                                                                                                    |
| <b>CHARGING</b>                                |                                                                                                                                                                                           |
| Number of Charging Ports                       | 4                                                                                                                                                                                         |
| Total Charging Watts                           | 100                                                                                                                                                                                       |
| Charging Port Type                             | (2) USB A (FEMALE); (2) USB C (FEMALE)                                                                                                                                                    |
| Charging Ports                                 | (1) USB-A: 0.9A; (1) USB-A: 5V 1.5A (7.5W); (1) USB-C: 0.9A; (1) USB-C: 100W (20V 5A) Power Delivery (PD 3.0)                                                                             |
| Charging Ports Details                         | PD CHARGING: 100W (15W DEDICATED TO POWERING DOCK)USB CHARGING: 1.5A (1x USB-A PORT); 900mA (1x USB-A PORT)USB-C AND USB-A DATA PORTS SHARE A MAXIMUM OF 12W (5V/2.4A) OF CHARGING OUTPUT |



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|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charging Ports / Amps                 | 0.9A; 1.5A; 2.4A; 5A                                                                                                                                               |
| Compatible Devices                    | Video Game Console                                                                                                                                                 |
| <b>PHYSICAL</b>                       |                                                                                                                                                                    |
| Material of Construction              | TPE, PC+ABS                                                                                                                                                        |
| Cable Jacket Color                    | Black                                                                                                                                                              |
| Connector Color                       | Black                                                                                                                                                              |
| Cable Jacket Material                 | TPE                                                                                                                                                                |
| Cable Jacket Rating                   | VW-1                                                                                                                                                               |
| Cable Outer Diameter (OD)             | 4.3MM                                                                                                                                                              |
| Wire Gauge (AWG)                      | 34/32/24                                                                                                                                                           |
| Cable Length (ft.)                    | 0.6                                                                                                                                                                |
| Cable Length (m)                      | 0.18                                                                                                                                                               |
| Cable Length (in.)                    | 6.69                                                                                                                                                               |
| Housing Color                         | Black                                                                                                                                                              |
| Cable Length (cm)                     | 17                                                                                                                                                                 |
| Total Number of Ports                 | 6                                                                                                                                                                  |
| Shipping Dimensions (hwd / in.)       | 1.38 x 6.89 x 4.72                                                                                                                                                 |
| Shipping Dimensions (hwd / cm)        | 3.51 x 17.50 x 11.99                                                                                                                                               |
| Shipping Weight (lbs.)                | 0.31                                                                                                                                                               |
| Shipping Weight (kg)                  | 0.14                                                                                                                                                               |
| Unit Dimensions (hwd / in.)           | 1.160 x 5.590 x 2.010                                                                                                                                              |
| Unit Dimensions (hwd / cm)            | 2.95 x 14.20 x 5.11                                                                                                                                                |
| Unit Dimensions (hwd / mm)            | 142 x 51 x 29.5                                                                                                                                                    |
| Unit Packaging Type                   | Box                                                                                                                                                                |
| Unit Weight (lbs.)                    | 0.29                                                                                                                                                               |
| Unit Weight (kg)                      | 0.13                                                                                                                                                               |
| <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 (No Condensation)                                                                                                                                    |
| Storage Humidity Range                | 5% to 90% RH (No Condensation)                                                                                                                                     |
| Power Provided to Connected Device(s) | 100W (15W DEDICATED TO POWERING DOCK); 1.5A (1x USB-A PORT); 900mA (1x USB-A PORT); USB-C AND USB-A DATA PORTS SHARE A MAXIMUM OF 12W (5V/2.4A) OF CHARGING OUTPUT |
| <b>COMMUNICATIONS</b>                 |                                                                                                                                                                    |
| Network Compatibility                 | 10 Mbps; 100 Mbps (Fast Ethernet); 1000 Mbps                                                                                                                       |



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|--------------------------------------|-----------------------------------------------------|
| EDID Compatible                      | No                                                  |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                     |
| Overcurrent Protection               | Yes                                                 |
| Quick Charge Compliant               | No                                                  |
| USB Hub Ports                        | Yes                                                 |
| Number of USB Hub Ports              | 3                                                   |
| USB Specification                    | 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) |
| Antibacterial                        | No                                                  |
| Ethernet Support                     | Yes                                                 |
| Suspend Mode Support                 | No                                                  |
| Remote Wakeup Support                | Yes                                                 |
| HDCP Specification                   | 1.4; 2.3                                            |
| Driver Required                      | No                                                  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                     |
| Product Certifications               | EN 55032; EN 55035                                  |
| Product Compliance                   | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE     |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                     |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                             |

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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