

Owner's Manual

Safe-IT™ Antibacterial USB-C Triple-Display Docking Station

**Dual HDMI Ports, DisplayPort, VGA, GbE,
USB-A, 4K Resolution and PD 3.0 Charging**

Model: U442AB-DOCK9

**Este manual esta disponible en español en la página deTripp Lite :
[tripplite.com/support](https://www.tripplite.com/support)**

**Ce manuel est disponible en français sur le site Web deTripp Lite :
[tripplite.com/support](https://www.tripplite.com/support)**

WARRANTY REGISTRATION

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Product Features

- All-in-one docking station connects essential devices to increase your productivity and organization, while also providing extra protection against bacteria
- Antibacterial coating on dock housing is proven to be 99.9% effective in inhibiting E. coli and staph
- Connect VGA, DisplayPort or HDMI monitors via a USB-C or Thunderbolt 3 connection with DisplayPort 1.4 Alt Mode
- Connect up to three displays simultaneously and extend an image across all displays
- HDMI port supports video resolutions up to 4096 x 2160 @ 60 Hz
- DisplayPort port supports video resolutions up to 3840 x 2160 @ 60 Hz
- VGA port supports video up to 1920 x 1200 @ 60 Hz
- Ethernet port supports true 10/100/1000 Mbps network speeds
- PD 3.0 Fast Role Swap maintains data and power connections upon removal and connections of charging power adapter
- USB-C PD charging port supports power input up to 20V/5A (100W)
- Supports smart power allowing flexible distribution of power to a source (host) and dock in real time, according to the consumption of connected devices—making full use of supplied power
- Supports Wake on LAN and full-duplex flow control

Product Features

- Dedicated USB-A port supports Quick Charge 3.0, providing smart charging when a PD adapter is connected and up to 5V, 9V or 12V of fast charging power to mobile devices
- Secure Digital v4.0 SD/Micro SD card slots work simultaneously for convenient access to external memory at up to 312 Mbps
- 2 USB-A and 1 USB-C 3.2 Gen 2 ports support max data transfer speed of 10 Gbps
- USB-A 2.0 ports support a max data transfer speed of 480 Mbps
- 3.5 mm mini stereo port allows for convenient connection of speakers, headphones or a microphone to your workstation
- TOSLINK and coaxial ports amplify audio, with a 96 KHz/24-bit max sampling rate
- Plug-and-play design – no software, drivers or external power required

Package Includes

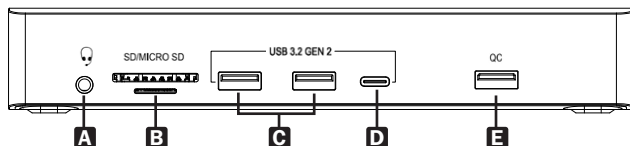
- U442AB-DOCK9
- USB Type-C to C Cable (M/M) – 1 m (3.3 ft.), Black
- External Power Supply (Input: 100-240V, 50/60 Hz, 2.0A; Output: 20.5V 5.85A)
- Power Cord
- Owner's Manual

Optional Accessories (sold separately)

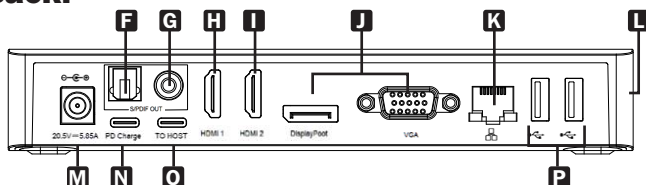
- N201-Series Cat6 Gigabit Snagless Patch Cables
- P312-Series 3.5 mm Mini Stereo Audio Cables
- P502-Series High-Resolution VGA Cables
- P569-Series High-Speed HDMI Cables
- P580-Series DisplayPort Cables with Latches
- U322-Series USB 3.0 A/B Device Cables
- U420-Series USB 3.1 Gen 1 Cable (M/M)
- U428-Series USB 3.1 Gen 1 A/C Cables
- M100-Series USB Sync/Charge Cable – USB-A to Lightning

Product Overview

Front:



Back:



- | | |
|-------------------------------------|---------------------------------|
| A 3.5 mm Audio (96 KHz) | I Stream 2 (HDMI) |
| B SD/Micro SD 4.0 (312 Mbps) | J Stream 3 (DP or VGA) |
| C USB-A Gen 2 (max 10 Gbps) | K Gigabit Ethernet |
| D USB-C Gen 2 (max 10 Gbps) | L Anti-Theft Lock |
| E USB Quick Charge | M DC Power (120W) |
| F TOSLINK (96 KHz) | N USB-C 100W PD Charging |
| G Coaxial (96 KHz) | O USB-C (Connect Host) |
| H Stream 1 (HDMI) | P USB-A 2.0 (480 Mbps) |

Installation

Notes:

- Refer to the SST (Single-Stream Transport) and MST (Multi-Stream Transport) tables on the following page for more resolution details.
- MacOS laptops or computers will only extend up to one monitor; the rest will be mirrored.
- Triple-Display connections can be connected in this manner:
HDMI + HDMI + DP or HDMI + HDMI + VGA.

1. Plug the included USB-C cable into the docking station and the USB-C or Thunderbolt 3 port on your source (ex. laptop).
2. Connect up to three monitors using the available HDMI, VGA and DisplayPort video ports.

Note: Up to 3 monitor screens can be extended, giving you four (including the built-in laptop screen) screens for usage.

Under SST Mode (Single Downstream Display)				
Ports	HDMI 1	HDMI 2	DP and VGA are Alternative	
			DP	VGA
Single Display Connected	4K/60 Hz	N/A	N/A	N/A
	N/A	4K/60 Hz	N/A	N/A
	N/A	N/A	4K/60 Hz	N/A
	N/A	N/A	N/A	1080p/60 Hz
Dual Displays Connected	4K/60 Hz	N/A	4K/60 Hz	N/A
	N/A	4K/60 Hz	4K/60 Hz	N/A
	4K/60 Hz	4K/60 Hz	N/A	N/A
	1080p/60 Hz	N/A	N/A	1080p/60 Hz
	N/A	1080p/60 Hz	N/A	1080p/60 Hz
Triple Displays Connected	4K/60 Hz	4K/60 Hz	4K/60 Hz	N/A
	1080p/60 Hz	1080p/60 Hz	N/A	1080p/60 Hz

Installation

Under MST Mode (Multiple Downstream Displays)				
Ports	HDMI 1	HDMI 2	DP and VGA are Alternative	
			DP	VGA
Single Display Connected	4K/60 Hz	N/A	N/A	N/A
	N/A	4K/60 Hz	N/A	N/A
	N/A	N/A	4K/60 Hz	N/A
	N/A	N/A	N/A	1080p/60 Hz
Dual Displays Connected	4K/30 Hz	N/A	4K/30 Hz	N/A
	N/A	4K/30 Hz	4K/30 Hz	N/A
	4K/30 Hz	4K/30 Hz	N/A	N/A
	4K/30 Hz	N/A	N/A	1080p/60 Hz
Triple Displays Connected	N/A	4K/30 Hz	N/A	1080p/60 Hz
	1080p/60 Hz	1080p/60 Hz	4K/30 Hz	N/A
	1080p/60 Hz	4K/30 Hz	1080p/60 Hz	N/A
	4K/30 Hz	1080p/60 Hz	1080p/60 Hz	N/A
	4K/30 Hz	1080p/60 Hz	N/A	1080p/60 Hz
	1080p/60 Hz	4K/30 Hz	N/A	1080p/60 Hz

3. Connect up to 2 USB 2.0 peripherals—such as a keyboard or mouse.
4. Connect up to 2 USB-A 3.2 Gen 2 peripherals.
5. Connect a USB-A device to the dedicated Quick Charge port for smart charging.

Note: This port only supports charging. The unit needs to be plugged into the included DC adapter or a PD adapter for it to function properly. The port supports up to 5V, 9V or 12V of charging power.

6. Connect to a wired Gigabit LAN using Tripp Lite's N201-Series Cat6 Cable (sold separately) if Wi-Fi signals are weak or unavailable.

Installation

7. Connect the 3.5 mm Mini Stereo port to a microphone or speaker using a 3.5 mm audio cable.

Note: The audio output can be switched freely between the computer, monitor and dock. If you switch audio output from the monitor to the headphone jack output from the dock, the monitor will not output audio.

8. Connect the TOSLINK port to your device using a TOSLINK cable.
9. Connect the coaxial port to your device using a coaxial cable.
10. Insert a Micro SD or SD card into the corresponding memory card slots to access external memory.
Note: Both memory card slots work simultaneously.
11. Transfer data up to 10 Gbps using the USB Type-C Data port.
12. Charge the source by connecting its USB-C PD charger to the docking station's USB-C PD Charging port for up to 100W (20V/5A) of charging power.
13. If you have a security cable chain lock, connect it to the anti-theft lock port.

Specifications

Input Connector	
USB-C	(x1) USB Type-C (Female)
Output Connector(s)	
USB-A	(x2) USB 3.2 Gen 2 (Female), (x2) USB 2.0 (Female), QC 3.0 (Female)
USB-C	(x1) USB-C Data Only, (x1) USB-C PD Charge Only
Ethernet	(x1) RJ45 (Female)
VGA	(x1) VGA (Female)
HDMI	(x2) HDMI (Female)
DisplayPort	(x1) DisplayPort (Female)
Audio	(x1) 3.5 mm (Female), (x1) TOSLINK (Female), (x1) Coaxial (Female)
Memory Cards	(x1) Micro SD, (x1) SD
Ethernet LED Indicators	
Orange	Ethernet Cable Connected
Green	Data Transmitting
Environmental	
Operating Temperature	32 to 113°F (0 to 45°C)
Operating Humidity	10% to 85% RH, Non-Condensing
Storage Temperature	14 to 158°F (-10 to 70°C)
Storage Humidity	5% to 90% RH, Non-Condensing
Mechanical	
Unit Dimensions, H x W x D	30 x 185 x 80 mm (1.2 x 7.3 x 3.2 in.)
Unit Weight	0.34 kg (0.75 lb.)
Specifications	
HDCP Specification	1.4; 2.2
DisplayPort Specification	1.4
Max Supported Video Resolution(s)	HDMI (4096 x 2160 @ 60 Hz); DisplayPort (3840 x 2160 @ 60 Hz); VGA (1920 x 1200 @ 60 Hz)
Network Speed	10/100/1000 Mbps or 1 Gbps
Support Color Depth (HDMI)	30-bit (10 bits per channel)
Chroma Subsampling (HDMI)	YCbCr: 4:4:4, 4:2:2 & RGB: 4:4:4
HDR Support (HDMI and DP)	Yes
PD Charging Specification	PD 3.0 (100W)

Warranty & Product Registration

3-Year Limited Warranty

Tripp Lite warrants its products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. Tripp Lite's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from Tripp Lite or an authorized Tripp Lite service center. Products must be returned to Tripp Lite or an authorized Tripp Lite service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, Tripp Lite MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL Tripp Lite BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, Tripp Lite is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

PRODUCT REGISTRATION

Visit tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!

** No purchase necessary. Void where prohibited. Some restrictions apply. Open to U.S. residents only. See tripplite.com for details.

Warranty & Product Registration

FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Warranty & Product Registration

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos and illustrations may differ slightly from actual products.



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