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TRIPP-LITE U442-DOCK14-MS USB C Dock with 4K HDMI USB Hub and Gigabit Ethernet for Microsoft Surface Owner's Manual

Owner's Manual
USB-C Dock with 4K HDMI, USB Hub and Gigabit Ethernet for Microsoft ® Surface
Model: U442-DOCK14-MS

Contents

Product Features

- Adds 4K HDMI, USB-C and USB-A ports, Gigabit Ethernet and 100W PD 3.0 charging to your Surface tablet
- Supports HDMI resolutions up to 3840 x 2160 @ 30 Hz
- USB hub ports include two USB 3.2 Gen 2 (10 Gbps) ports and one USB 2.0 port
- Adjustable bracket clamps to the rear of select Microsoft Surface devices. See Compatible Models for details.
- Connect to a wired Gigabit Ethernet network via the RJ45 port
- USB-C PD 3.0 port supports 20V 5A (100W) power output for charging host Surface and 10 Gbps for connecting a peripheral
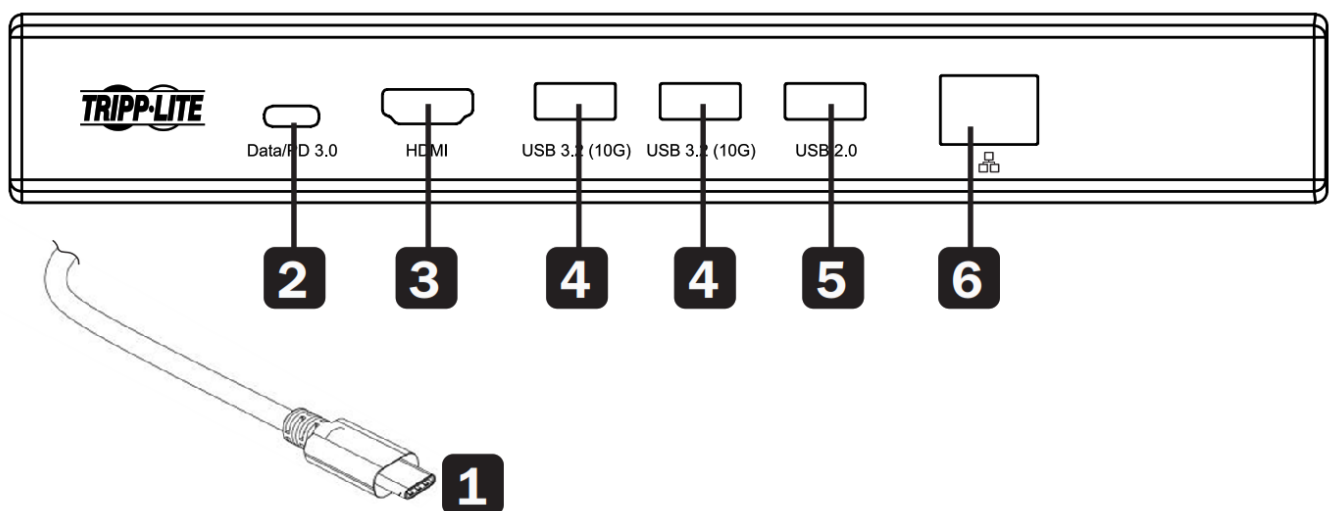- Plug-and-play–no software or drivers are required to operate

Package Contents

- U442-DOCK14-MS USB-C Dock for Microsoft Surface
- Owner's Manual

Optional Accessories:

- N201-Series Cat6 Gigabit Snagless Patch Cables
- P569-Series High-Speed HDMI Cables
- U322-Series USB 3.2 Gen 1 USB-A to USB-B Device Cables
- U420-Series USB 3.2 Gen 1 USB-C Cables
- U428-Series USB 3.2 Gen 1 USB-A to USB-C Cables
- M100-Series USB Sync/Charge Cable – USB-A to Lightning

Product Overview

1. USB-C (Male) Input Connector: Connect to the USB-C port on a Microsoft Surface device
2. USB-C Data/PD 3.0 Port (Female): Provides up to 100W (20V 5A) of power via PD 3.0 charging to the Surface, or capable of USB 3.2 Gen 2 (10 Gbps) data transfer rates
3. HDMI Port (Female): Connect a 4K HDMI monitor
4. USB 3.2 Gen 2 Ports (x2, Female): Connect up to two USB 3.2 peripherals
5. USB 2.0 Port (Female): Connect a USB 2.0 peripheral, such as a mouse or keyboard

6. RJ45 Port (Female): Connect to a wired Ethernet network

Installation

Notes:

- This product supports video resolutions up to 4K (3840 x 2160) @ 30 Hz. If your display is unable to transmit video from the dock, refer to the Troubleshooting section of this manual for details.
- The dock is compatible with any Microsoft Surface device with a USB-C port. The rear clamp is adjustable and can adjust to any compatible Surface device.

1. Secure the U442-DOCK14-MS unit to the rear of your Microsoft Surface unit via the flexible securing clamps on either end of the dock.
2. Connect the dock's USB-C male input connector to the USB-C port on your Microsoft Surface device.
3. Connect a USB-C peripheral device to the USB-C Data/ PD 3.0 port.
   OR Charge the Surface device 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.
4. Connect up to two USB peripheral devices such as hard drives, smartphones and tablets to the USB 3.2 Gen 2 ports.
5. Connect a mouse or keyboard to the USB 2.0 port.
6. Connect to a wired Ethernet network at speeds up to 10/100/1000 Mbps (Gigabit) via the RJ45 port.
7. Transmit 4K video to a connected display via the HDMI port.

Compatible Models

The U442-DOCK14-MS can be clamped to the back of any Microsoft Surface device with a USB-C port and a width of 12 inches or less, including the following models:

- Surface GO
- Surface GO 2
- Surface GO 3
- Surface Pro 7
- Surface Pro 8
- Surface Pro X

The U442-DOCK14-MS also functions as a desktop docking station with all other Surface devices with a USB-C port, but cannot be clamped to them.

Specifications

Input Connector	
USB-C	USB Type-C (Male)
Output Connector(s)	
USB-C	USB Type-C Data/PD 3.0 Charging (x1 Female)
USB-A	USB 3.2 Gen 2 (10 Gbps) (x2 Female); USB 2.0 (x1 Female)
Ethernet	RJ45 (x1 Female)
Video	HDMI (x1 Female)
Environmental	
Operating Temperature Range	41° to 95°F (5° to 35°C)
Storage Temperature Range	14° to 122°F (-10° to 50°C)
Relative Humidity	20% to 80% RH
Mechanical	
Unit Dimensions [H x W x D]	1.29 x 9.17 x 1.26 in. (33 x 233 x 32 mm)
Cable Length	11.8 in. (300 mm)
Unit Weight	0.35 lb. (0.16 kg)
Specifications	
HDMI Specification	2.0
HDCP Specification	2.3, 1.4
Maximum Supported Video Resolution	4K (3840 x 2160) @ 30 Hz
Network Speed	10/100/1000 Mbps or 1 Gbps
PD Charging Specification	PD 3.0 (100W)
Data Specification	USB 3.2 Gen 2 (10 Gbps); USB 2.0 (480 Mbps)
Operating Systems Supported	Windows 8, 10, 11

Warranty and Product Registration

1-Year Limited Warranty

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of one (1) year from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, at its sole discretion.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLECT. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction.)

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application

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. See the website for details.

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

Use of this equipment in life support applications where the 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.

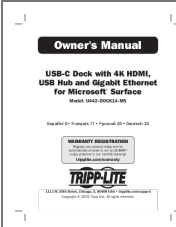1111 W. 35th Street, Chicago, IL 60609 USA • **tripplite.com/support**
22-01-368 9340A3_RevB
WARRANTY REGISTRATION
Register your product today and be automatically entered to win an ISOBAR ® surge protector in our monthly drawing! **tripplite.com/warranty**
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Documents / Resources

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References

- [Eaton - Power and Connectivity Solutions](#)
- [Help Center | Eaton](#)
- [Product Registration | Eaton](#)