

USB-C Triple-Display Docking Station

Model:
U442-DOCK16-B

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Ce manuel est disponible en français sur le site Web de Eaton :
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Product Features

- Multi-Stream Transport (MST) lets you connect up to three displays simultaneously and extend across all displays (up to three)
- Supports HDMI and DisplayPort video resolutions up to 4096 x 2160 @ 30 Hz
- Supports VGA video resolutions up to 1920 x 1080 @ 60 Hz
- Ethernet port supports true 10/100/1000 Mbps network speeds
- USB-C PD/Data port supports power input up to 20V/3A (60W PD 3.0) and data transfer rates up to 5 Gbps
- Built-in USB-C cable stores safely and conveniently underneath the unit
- Plug-and-play design – no external power or drives are needed

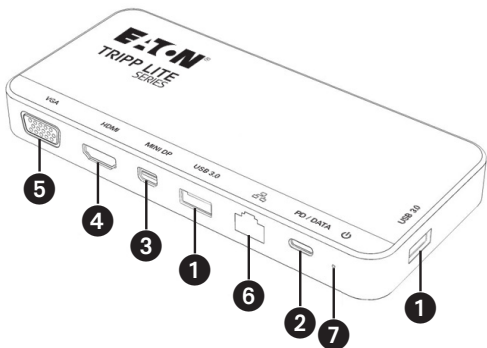
Package Includes

- U442-DOCK16-B
- Owner's Manual

Optional Accessories

- N201-Series Cat6 Gigabit Snagless Patch Cables
- P502-Series High Resolution VGA Cables
- P569-Series High Speed HDMI Cables
- U322-Series USB 3.0 A/B Device Cables
- U428-Series USB 3.1 Gen 1 A/C Cables
- U420-Series USB 3.1 Gen 1 Type-C Cable
- P584-Series Mini DisplayPort Cables

Product Overview



- ➊ **USB 3.0 Type-A:** Supports data transfer rates up to 5 Gbps
- ➋ **USB 3.1 Gen1 Type-C:** Supports PD 3.0 charging up to 60W (20V/3A) and data transfer speeds up to 5 Gbps
- ➌ **Mini DisplayPort:** Supports video resolutions up to 4K x 2K (4096 x 2160) @ 30 Hz
- ➍ **HDMI:** Supports video resolutions up to 4K x 2K (4096 x 2160) @ 30 Hz
- ➎ **VGA:** Supports video resolutions up to 1920 x 1080 @ 60 HZ
- ➏ **RJ45:** Provides 10/100/1000 Mbps Ethernet speeds
- ➐ **LED:** Illuminates white to indicate power

Installation

1. Pull out the self-storing cable beneath the docking station and connect it to a laptop, tablet or any other USB-C compatible device.
2. Connect an HDMI-compliant display to the docking station with a user-supplied HDMI cable, such as P569-Series (sold separately).
3. Repeat Step 2 for the Mini DisplayPort and VGA ports compatible user-supplied cables.

Note: The following Table depicts the maximum resolution achieved on each video port based on the connected displays.

- Mac does not support MST. Therefore, multiple monitor setups are not guaranteed.
- Windows sources allow you to extend across all three screens.

Windows Computer (4K @ 30 Hz)	VGA (1080p @ 60 Hz)	HDMI (4K @ 30 Hz)	Mini DP (4K @ 30 Hz)
1 (4K @ 30 Hz)	2 (1080p @ 60 Hz)	3 (4K @ 30 Hz)	*
1 (4K @ 30 Hz)	2 (1080p @ 60 Hz)	*	3 (4K @ 30 Hz)
1 (4K @ 30 Hz)	*	2 (4K @ 30 Hz)	3 (4K @ 30 Hz)
No image	1*** (1600 x 900 @ 60 Hz)	2 (1080p @ 60 Hz)	3** (1080p @ 60 Hz)

* = Port not in use.

** = In some installations, Mini DP will drop down to 1600 x 900 @ 60 Hz instead of the VGA port.

*** = Depending on the system, 1080p @ 60 Hz can be displayed across all three extended screens.

Installation

4. Connect Ethernet through the RJ45 port to achieve speeds up to 10/100/1000 Mbps.
5. Connect up to two USB 3.0 peripherals or devices.
6. Charge your source, up to 60W, using the available USB-C port or transfer data up to 5 Gbps.

Specifications

Input Connector	
USB	USB Type-C (x1)
Output Connectors	
USB	USB 3.0 Type-A (x2) USB-C Data/Charge (x1) USB-A
Ethernet	RJ45
Video	HDMI Mini DisplayPort VGA
Environmental	
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Relative Humidity	10% to 90% RH, Non-Condensing
Physical	
Unit Dimensions	6.5 x 3 x 0.81 in. (165 x 75 x 20.5 mm)
Unit Weight	0.33 lb. (0.15 kg)

Specifications

Specifications	
HDMI Specification	1.4
HDCP Specification	1.4
DisplayPort Specification	1.2
Max. Supported Video Resolutions	HDMI (4096 x 2160 @ 30 Hz) Mini DisplayPort (4096 x 2160 @ 30 Hz) VGA (1920 x 1200 @ 60 Hz)
Network Speed	10/100/1000 Mbps or 1 Gbps
Supported Color Depth (HDMI)	36 bit (12 bits per channel)
Chroma Subsampling (HDMI)	YCbCr: 4:4:4, 4:2:2, 4:2:0
PD Charging Specification	PD 3.0 (60W)

Troubleshooting

Why am I not able to display resolutions of 4096 x 2160 @ 30 Hz?

- A. Click [Display Setting] > [Advanced Display Settings], then choose the desired resolution manually.
- B. Ensure the device, display and cable all support 4096 x 2160 @ 30 Hz HD.

Why does my PD charging time vary?

The upstream device (laptop) will auto-adjust the power input based on the battery level at that current time.

Why won't my HDMI, Mini DisplayPort and VGA displays show different screens?

Most MacBook laptops do not support MST, allowing you to extend only one screen and mirror the other.

Warranty

3-Year Limited Warranty

We warrant our products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. Our obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. Visit TrippLite.Eaton.com/support/product-returns before sending any equipment back for repair. 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, WE MAKE 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 WE 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, we are 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.

Warranty

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 Eaton could void the user's authority to operate this equipment.

Warranty

WEEE Compliance Information for 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 Eaton, 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 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.

Eaton has a policy of continuous improvement. Specifications are subject to change without notice.



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