

This Thunderbolt 3 docking station must be connected to a Thunderbolt 3-enabled laptop or computer to achieve maximum data transfer and video transmission specifications.

## Thunderbolt 3 Dock, Dual Display - 8K DisplayPort, 4K HDMI, USB 3.1 Gen 2, USB-A Hub, GbE, 60W PD Charging, Black

MODEL NUMBER: MTB3-DOCK-04



Multiport docking station transmits 8K DisplayPort and 4K HDMI video to separate displays simultaneously.

### Features

#### Thunderbolt 3 Dock Turns Your Laptop or Notebook into a 7-Port 8K Workstation

This Thunderbolt 3 docking station dramatically expands the potential of your MacBook Pro or Windows laptop by adding seven ports to its Thunderbolt 3 port. Not only does the MTB3-DOCK-04 allow you to transmit 8K video to a DisplayPort monitor and 4K video to an HDMI monitor at the same time, you can also add USB peripherals, record a podcast, connect to a Gigabit Ethernet network, and charge your host device. Video resolutions are dependent on the host computer's specifications.

#### Supports DisplayPort Alternate Mode for Transmitting Audio/Video Signals

By connecting the built-in Thunderbolt 3 cable to a source device that supports DisplayPort Alt Mode, you can output 8K/4K video and digital audio to a compatible monitor, television or projector without installing special software drivers.

#### Thunderbolt 3 Supports Blisteringly Fast 40 Gbps Data Transfer Speeds

The Thunderbolt 3 cable supports bidirectional speeds up to 40 Gbps, which is eight times faster than USB 3.0, four times faster than Thunderbolt 1 and twice as fast as Thunderbolt 2. With dual 20 Gbps channels moving data both directions at the same time, the MTB3-DOCK-04 is perfectly suited for video streaming and editing on two monitors, as well as transferring large RAW video or CAD files.

#### Transmits Crystal-Clear 8K and 4K Video for Professional Editing and Digital Signage

By connecting to a source that supports DisplayPort MST Mode, you may connect one DisplayPort monitor or one HDMI monitor at resolutions up to 8K (7680 x 4320 at 30 Hz) and 4K (3840 x 2160 at 60 Hz as specified in HDMI 2.0), respectively. Both ports can be used simultaneously to support dual video resolutions up to 4K @ 60 Hz. This 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. The host device must support DisplayPort 1.3 in order to achieve 8K resolution.

#### PD 3.0 Charging Port Charges High-Powered Devices via AC Wall Charger

The USB-C Power Delivery port provides power output up to 20V 3A (60W), which is sufficient for charging and powering the connected source device, such as a MacBook or Chromebook. Connect the port to the device's AC wall charger to provide power to the host device as well as the dock. The dock works at optimal specifications while using the PD Charging port to power it.

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

Two USB-A hub ports accept USB peripherals, such as flash drives, mice, keyboards, external hard drives and printers. When the USB-C PD port (see above) is powering the dock, both USB-A ports support lightning-fast USB 3.1 Gen 2 data transfer rates up to 10 Gbps. When using bus-powered mode, one port

### Highlights

- Connects 2 displays at the same time for multitasking and increasing productivity
- DisplayPort output transmits up to 8K @ 30 Hz to a single display for professional users
- HDMI output supports 4K @ 60 Hz (HDR) video resolutions as specified in HDMI 2.0
- Dual display output supported up to 4K @ 60 Hz
- Supports Thunderbolt 3 speeds up to 40 Gbps between compatible source/host devices
- USB 3.1 Gen 2 data ports allow connection of flash drives and other peripherals

### Applications

- Extend or mirror your MacBook Pro or Windows laptop on multiple displays to aid in multitasking and increase productivity
- Edit HDR production video or digital photos using an 8K monitor
- Connect USB peripherals, including flash drives and hard drives, to transfer data at USB 3.1 Gen 2 speeds
- Access a wired Gigabit Ethernet network in a location with no or spotty Wi-Fi
- Connect a microphone/headset to record a podcast or speakers to listen to music



supports 10 Gbps, and the other supports USB 2.0 speeds on a first-come, first-serve basis. Both are backward compatible with previous USB generations.

**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 Stereo Audio Equipment for Recording and Playback**

This Thunderbolt 3 docking station contains one 3.5 mm mini stereo jack, convenient for connecting speakers, headphones or a microphone to your workstation. You can listen to music or record the latest episode of your podcast.

**Ready to Use Right from the Package, So You Can Plug and Play Immediately**

The plug-and-play Thunderbolt 3 dock is specifically designed for use with the MacBook Pro or Windows laptop equipped with a Thunderbolt 3 port. It requires no extra software to be downloaded and installed. Simply connect the Thunderbolt 3 plug to your computer's Thunderbolt 3 port.

**System Requirements**

- Source computer with Windows 10 or macOS 10.15.3 and Thunderbolt 3 output
- Source computer with at least DisplayPort 1.3 required to achieve 8K video resolutions
- Display device with HDMI and/or DisplayPort input
- Wired 10/100/1000 Mbps Ethernet network

**Package Includes**

- MTB3-DOCK-04 Thunderbolt 3 Dock, Dual Display, Black
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332258502
Product Type	Thunderbolt 3 Dock
Technology	DisplayPort; HDMI; HDR; Thunderbolt; USB 3.1 (Gen 2)
Host Connector	THUNDERBOLT 3 (Type-C MALE)
VIDEO	
Number of Monitors Supported	2
Video Ports	DISPLAYPORT (FEMALE); HDMI (FEMALE)
Video Ports Detail	HDMI 2.0; HDCP 2.2; DisplayPort 1.4
Resolutions Supported	- DisplayPort 8K @ 30 Hz (7680 x 4320)- HDMI 4K @ 60 Hz (3840 x 2160)- DisplayPort + HDMI 4K @ 60 Hz (3840 x 2160)
Extended Mode	Yes
Mirror Mode	Yes
AUDIO	
Audio Ports	3.5MM (FEMALE)
Audio Ports Detail	3.5mm Combo Stereo Audio / Microphone Jack



DATA	
Data Ports	(2) USB 3.1 A (FEMALE)
Data Ports Detail	(2) USB-A - USB 3.2 Gen 2 (10 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
BATTERY	
Battery Charging (5V/1.5A Port)	No
POWER	
USB Power Delivery (PD) Charging Support	Yes
CHARGING	
Charging Ports	Supports 60W (20V 3A) Power to Host Computer
PHYSICAL	
Color	Black
Unit Dimensions (hwd / in.)	0.98 x 4.17 x 4.17
Unit Dimensions (hwd / mm)	25 x 106 x 106
Unit Weight (kg)	0.22
Unit Weight (lbs.)	0.481
ENVIRONMENTAL	
Operating Temperature Range	32 to 95°F (0 to 35°C)
Storage Temperature Range	-4 to 158°F (-20 to 70°C)
Relative Humidity	0 to 90% RH, Non-Condensing
COMMUNICATIONS	
Network Speed	1Gbps
CONNECTIONS	
Side A - Connector 1	THUNDERBOLT 3 (Type-C MALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	3.5MM (FEMALE)



Side B - Connector 5	(2) USB 3.1 A (FEMALE)
Side B - Connector 6	USB C (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	DisplayPort: 7680 x 4320 @ 30Hz (8K); HDMI: 3840 x 2160 @ 60Hz (4K)
Displayport Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	2
USB Specification	USB 3.1 Gen 2 (up to 10 Gbps)
Audio Specification	Combo Audio Jack
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables)
<b>SPECIAL FEATURES</b>	
HDR Support	Yes
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>