

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 Dual Monitor Docking Station - 8K/30Hz DisplayPort, 4K/60Hz HDMI, USB 3.1 Gen 2, GbE, 60W PD Charging - Black

MODEL NUMBER: MTB3-DOCK-04



Multiport docking station transmits 8K DisplayPort and 4K HDMI video to separate displays, and up to 4K/60Hz video 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. The MTB3-DOCK-04 allows you to transmit 8K video to a DisplayPort monitor or 4K video to an HDMI monitor, and both ports can be used simultaneously for dual 4K/60Hz video output. 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. **Note:** 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

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 UHD resolutions up to 4K @ 60 Hz for crystal-clear video
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Supports Thunderbolt 3 speeds up to 40 Gbps between compatible source/host devices

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

System Requirements

- Source computer with Windows



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 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.

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 | Docking Station |
| 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 Details | 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) |
| Max Supported Video Resolution | DisplayPort: 7680 x 4320 @ 30Hz (8K); HDMI: 3840 x 2160 @ 60Hz (4K) |
| Extended Mode | Yes |
| Extended Mode Details | 1x DP (8K/30 Hz)1x HDMI (4K/60 Hz)1x DP (4K/60 Hz) x 1x HDMI (4K/60 Hz) |
| Mirror Mode | Yes |
| Mirror Mode Details | DisplayPort 8K @ 30 Hz (7680 x 4320)HDMI 4K @ 60 Hz (3840 x 2160)DisplayPort + HDMI 4K @ 60 Hz (3840 x 2160) |
| Max Supported Color Depth | 48-bit Deep Color |
| HDR Support | Yes |



| | |
|--|--|
| Chroma Sub Sampling | 4:4:4 |
| AUDIO | |
| Audio Ports | 3.5MM (FEMALE) |
| Audio Ports Details | 3.5mm Combo Stereo Audio / Microphone Jack |
| Audio Specification | Combo Audio Jack |
| DATA | |
| Data Ports | (2) USB 3.1 A (FEMALE) |
| Data Ports Details | (2) USB-A - USB 3.2 Gen 2 (10 Gbps) |
| NETWORK | |
| Network Ports | RJ45 (FEMALE) |
| INPUT | |
| Built-In Cable Length (ft.) | 0.66 |
| Built-In Cable Length (in.) | 7.87 |
| Built-In Cable Length (cm) | 20 |
| Bus Powered | Yes |
| BATTERY | |
| Battery Charging (5V/1.5A Port) | No |
| POWER | |
| USB Power Delivery (PD) Charging Support | Yes |
| USB Power Delivery (PD) Charging Specification | 3.0 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | PD Charging Port in Use = Green, Device Plugged into Thunderbolt Port = Blue |
| CHARGING | |
| Total Charging Watts | 60 |
| Charging Method | USB |
| Charging Ports | Supports 60W (20V 3A) Power to Host Computer |
| Charging Ports / Amps | 3A |
| PHYSICAL | |
| Color | Black |



| | |
|--------------------------------------|--|
| Material of Construction | PC, ABS |
| Unit Dimensions (hwd / in.) | 0.98 x 4.17 x 4.17 |
| Unit Dimensions (hwd / mm) | 25 x 106 x 106 |
| Unit Packaging Type | Box |
| 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 | Gigabit Ethernet (10/100/1000) |
| CONNECTIONS | |
| Ports | 7 |
| Dock Connectors | DisplayPort, HDMI, X2 USB-A 3.1 Gen2, USB-C PD Charging, RJ45, 3.5mm |
| 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) |
| FEATURES & SPECIFICATIONS | |
| Displayport Specification | 1.4 |
| HDCP Specification | 2.2 |
| USB Hub Ports | Yes |
| Number of USB Hub Ports | 2 |
| USB Specification | USB 3.1 Gen 2 (up to 10 Gbps) |
| Driver Required | No |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |
| Suspend Mode Support | No |
| Remote Wakeup Support | No |
| Thunderbolt Specification | Thunderbolt 3 (up to 40Gbps short or active cables) |



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

| STANDARDS & COMPLIANCE | |
|-------------------------------------|-------------------------|
| Certifications | CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

© 2021 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>