Important Note

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 3.2 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 specifcations.

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.*

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 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

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 3.2 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.

Specifications

OVERVIEW	
UPC Code	037332258502
Product Type	Docking Station
Technology	DisplayPort; HDMI; Thunderbolt
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
DATA	
Data Ports	(2) USB 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
CONNECTIONS	
Number of Ports	7
Dock Connectors	DisplayPort, HDMI, (2) USB-A 3.2 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 A (FEMALE)
Side B - Connector 6	USB C (FEMALE)

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.)	0.980 x 4.170 x 4.170
Unit Dimensions (hwd / mm)	25 x 106 x 106
Unit Packaging Type	Box
Unit Weight (lbs.)	0.481
Unit Weight (kg)	0.22
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
Operating Humidity Range	0 to 90% RH, Non-Condensing
Storage Humidity Range	0 to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-C PD: 60W (20V/3A)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	2
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
MST Support	Yes
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	No

Full Duplex Support	No
Suspend Mode Support	No
Remote Wakeup Support	No
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables)
Displayport Specification	1.4
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	
TAA Compliant Option	N
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.