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

Thunderbolt 3 Dock w USB-C Compatibility, Dual Display - 8K DisplayPort, USB 3.2 Gen 2 10G, USB-A/C Hub, Memory Card, GbE, 60W PD Charging

MODEL NUMBER: **MTB3-DOCK-03**

Turns your MacBook Pro or Windows laptop into a 10-port workstation capable of transmitting 8K video.

Features

Thunderbolt 3 Dock Turns Your MacBook Pro into a 10-Port 8K Workstation This Thunderbolt 3 docking station dramatically expands the potential of your MacBook Pro or Windows laptop by adding 10 ports to its Thunderbolt 3 or USB-C MFDP port. Not only does the MTB3-DOCK-03 allow you to transmit 8K video to one display or 4K video to two displays, you can also add USB peripherals, record a podcast, connect to a Gigabit Ethernet network, charge your laptop and more, all at the same time.

Supports DisplayPort Alternate Mode for Transmitting Audio/Video Signals By connecting the included Thunderbolt 3 cable to a source device that supports DisplayPort Alt Mode, you can output 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 included 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-03 is perfectly suited for 4K video streaming and editing on two monitors, as well as transferring large RAW video or CAD files. When connected to a host computer's USB-C MFDP port, the cable supports 26.2 Gbps speeds.

DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays By connecting the included Thunderbolt 3 cable to a source that supports DisplayPort MST Mode, you may connect two displays simultaneously (DP & USB-C) at resolutions of 8K (30 Hz) plus 4K (30 Hz) or both displays at 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.

Transmits Crystal-Clear 8K and 4K Video for Professional Editing and Digital Signage Both the DisplayPort and Thunderbolt 3 video ports can achieve resolutions up to 8K (7680 x 4320) at 30 Hz, when used with a Thunderbolt 3-enabled source computer and Thunderbolt 3 cable. When used with an MFDP-

Highlights

- Connects 2 displays at the same time for multitasking and increasing productivity
- Transmits 8K video (7680 x 4320) @ 30 Hz to a single display for professional users
- Can operate with Thunderbolt 3 or USB-C Multi-Function DisplayPort (MFDP) host
- Supports Thunderbolt 3 speeds up to 40 Gbps between compatible devices
- USB 3.2 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
- Transfer files from one Thunderbolt 3 device to another at 40 Gbps
- 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 device with Thunderbolt 3 port that supports DisplayPort MST Mode or USB-C port that supports Multi-Function DisplayPort
- Display device with Thunderbolt 3 or DisplayPort input

Package Includes

- MTB3-DOCK-03 Thunderbolt 3 Dock, Dual Display
- Thunderbolt 3 cable (M/M), 1.6 ft.
- External power supply (Input: 100–240V, 50/60 Hz, 3.0A; Output: 20V 6A)
- Owner's manual

enabled source computer, the DisplayPort connector's maximum resolution is 4K (3840 x 2160) at 60 Hz. The Thunderbolt 3 port also allows daisy-chaining up to six devices, including RAID memory and other storage devices.

USB Ports Connects Keyboards, Thumb Drives and Other USB Peripherals Two USB-A hub ports and one USB-C port accept USB peripherals, such as flash drives, mice, keyboards, external hard drives and printers. All three support lightning-fast USB 3.2 Gen 2 data transfer rates up to 10 Gbps and are backward compatible with previous USB generations. The USB-C port supports USB charging up to 5V 1.5A. One USB-A port supports BC 1.2 charging speeds up to 5V 1.5A. The other supports charging up to 5V 900mA.

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.

Allows External Memory Access The memory card slots support Micro SD and SD cards for transferring data to and from your connected computer or laptop. Both slots may be used at the same time.

Included Thunderbolt 3 Cable Attaches in Either Direction Unlike traditional USB cables that connect in only one direction, the reversible Thunderbolt 3 male connector plugs into its port in either direction for an instant connection every time.

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 plug the included power adapter into a standard AC outlet, and connect the included Thunderbolt 3 cable to your computer's Thunderbolt 3 or USB-C MFDP port.

Specifications

OVERVIEW	
UPC Code	037332250322
Product Type	Docking Station
Technology	DisplayPort; Thunderbolt; USB; USB 3.1 (Gen 2)
Host Connector	THUNDERBOLT 3 (Type-C MALE)
VIDEO	
Number of Monitors Supported	2
Video Ports	THUNDERBOLT 3 (Type-C FEMALE); DISPLAYPORT (FEMALE)
Video Ports Details	DisplayPort 1.4
Resolutions Supported	Thunderbolt 3: 8K 30Hz (7680 x 4320) DisplayPort: 8K 30Hz (7680 x 4320)
Max Supported Video Resolution	7680 x 4320 (8K) @ 30 Hz (Thunderbolt 3); 3840 x 2160 (4K x 2K) @ 60 Hz (MFDP)
Extended Mode	Yes

Extended Mode Details	**For Thunderbolt 3 Source**:1x DP (8K 30Hz) + 1x ThunderBolt 3 (4K 30Hz) via USB-C to C or USB-C to DP or USB-C to HDMI cable or adapter**For USB-C MFDP Source**:1x DP (4K 60Hz) + 1x ThunderBolt 3 (4K 60Hz) via USB-C to C or USB-C to DP or USB-C to HDMI cable or adapter
Mirror Mode	Yes
Mirror Mode Details	**For Thunderbolt 3 Source**:1x DP (8K 30Hz) + 1x ThunderBolt 3 (4K 30Hz) via USB-C to C or USB-C to DP or USB-C to HDMI cable or adapter**For USB-C MFDP Source**:1x DP (4K 60Hz) + 1x ThunderBolt 3 (4K 60Hz) via USB-C to C or USB-C to DP or USB-C to HDMI cable or adapter
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	Mini stereo jack supports speakers or headphones
Audio Specification	Supports 8/16/22.05/24/32/44.1/48/96/176.4/192/384 KHz
DATA	
Data Ports	(1) THUNDERBOLT 3 (Type-C FEMALE); (2) USB A (FEMALE); (1) USB C (FEMALE)
Data Ports Details	(2) USB-A - USB 3.2 Gen 2 (10 Gbps); (1) USB-C - ThunderBolt 3 (40 Gbps); (1) USB-C - USB 3.2 Gen 2 (10 Gbps)
NETWORK	
Network Ports	RJ45 (FEMALE)
STORAGE	
Card Slots	SD (FEMALE); MICRO SD (FEMALE)
Card Slots Details	SD 4.0 and Micro SD 4.0Both card readers can be used at the same time
INPUT	
Maximum Input Amps	3.0
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
External Power Supply Plug(s)	NEMA 5-15P North America
Bus Powered	No
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 3.0A
External Power Supply Output Specs (V / A)	20V / 6A

External Power Supply Cord Length (ft.)	4
External Power Supply Cord Length (m.)	1.2
External Power Supply DC Barrel Connector Specs	OD: 4.5 x 0.6 x 10.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	CCC; CE; GS; PSE; TUV; UL; cUL
USB Power Delivery (PD) Charging Support	No

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Green (Power), Orange (Transmitting Data)

CHARGING

Total Charging Watts	60
Charging Ports	Supports 60W (20V 3A) Power to Host Computer; USB-A: 5V 1.5A (7.5W)
Charging Ports / Amps	1.5A

PHYSICAL

Color	Black; Gray
Material of Construction	PC, ABS, Aluminum
Shipping Dimensions (hwd / in.)	2.44 x 9.72 x 6.85
Shipping Weight (kg)	0.38
Unit Dimensions (hwd / cm)	1.7 x 8.0 x 14.8
Unit Dimensions (hwd / in.)	0.69 x 3.15 x 5.83
Unit Dimensions (hwd / mm)	17.5 x 80 x 148
Unit Packaging Type	Box
Unit Weight (kg)	0.27
Unit Weight (lbs.)	0.5952

ENVIRONMENTAL

Operating Temperature Range	32 to 113°F (0 to 45°C)
Storage Temperature Range	32 to 158°F (0 to 70°C)
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
Power Provided to Connected Device(s)	5V/1.5A (7.5W) Output per BC1.2 USB Port

COMMUNICATIONS

Network Compatibility	Gigabit Ethernet (10/100/1000)

CONNECTIONS	
Ports	10
Dock Connectors	DISPLAYPORT, THUNDERBOLT 3, USB-C CHARGING, RJ45 LAN, MICRO SD, SD, 3.5MM, 2X USB3.0A, USB-C
Side A - Connector 1	THUNDERBOLT 3 (Type-C FEMALE)
Side A - Connector 2	THUNDERBOLT 3 (Type-C FEMALE)
Side A - Connector 3	DISPLAYPORT (FEMALE)
Side A - Connector 4	RJ45 (FEMALE)
Side B - Connector 1	THUNDERBOLT 3 (Type-C FEMALE)
Side B - Connector 2	MICRO SD (FEMALE); SD (FEMALE)
Side B - Connector 3	3.5MM (FEMALE)
Side B - Connector 4	(2) USB A (FEMALE); USB Type-C (FEMALE)
Side B - Connector 5	RJ45 (FEMALE)
Side B - Connector 6	DISPLAYPORT (FEMALE)
Side A - Connector 5	USB A (FEMALE)

FEATURES & SPECIFICATIONS	
Displayport Specification	1.4
HDCP Specification	1.4; 2.2
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Suspend Mode Support	No
Remote Wakeup Support	No
SD Card Specification	Micro SD; SD
Thunderbolt Specification	Thunderbolt 3 (up to 40Gbps short or active cables)

STANDARDS & COMPLIANCE	
Certifications	FCC, RoHS, REACH

WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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