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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 with USB-C Compatibility, Dual Display - 8K DisplayPort, USB 3.2 Gen 2 10G, USB-A/USB-C Hub, GbE, International Plug Adapters

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



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-03INT 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-03INT 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 (USB 3.2 Gen 2 10 Gbps + DisplayPort 1.4 8.1G x2 Lane)

DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays By connecting the included Thunderbolt 3 cable to a Thunderbolt 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. Up to three total displays can be utilized if the dock is connected to a compatible laptop (DP + USB-C + Laptop screen).

Highlights

- Connects 2 displays at the same time for multitasking and increasing productivity via a Thunderbolt 3-enabled host
- 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

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-03INT Thunderbolt 3 Dock, Dual Display
- Thunderbolt 3 cable (M/M), 1.6 ft. (0.5 m)
- External power supply (Input: 100–240V, 50/60 Hz, 3.0A; Output: 20V 6A)
- (4) International plug adapters (North America, U.K., Australia, Europe)
- Owner's manual

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Transmits Crystal-Clear 8K and 4K Video for Professional Editing and Digital Signage Both the DisplayPort and Thunderbolt 3 video ports can achieve individual 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-enabled source computer, the DisplayPort connector's maximum resolution is 4K (3840 x 2160) at 60 Hz, and the Thunderbolt port is reduced to USB 2.0 data transfer functionality only. 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 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 SD 4.0 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. Drivers are automatically downloaded and installed during the initial dock connection with the host computer (Note: the host must have administrative access for the drivers to install automatically. If this is not possible the drivers can be downloaded manually via the product's web page at www.tripplite.com). 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	037332273024
Product Type	Docking Station
Technology	Cat5/5e; Cat6; Cat6a; DisplayPort; Stereo Audio; Thunderbolt; USB 3.x
Country/Region	Global
Host Connector	THUNDERBOLT 3 (Type-C MALE)
VIDEO	
Video Input	THUNDERBOLT 3 (Type-C FEMALE)
Video Output	DISPLAYPORT (FEMALE); THUNDERBOLT 3 (Type-C FEMALE)
Number of Monitors Supported	2

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Video Ports	DISPLAYPORT (FEMALE); THUNDERBOLT 3 (Type-C FEMALE)
Video Ports Details	Thunderbolt 3; DisplayPort 1.2a; DisplayPort 1.4
Resolutions Supported	**Thunderbolt 3 Host (with DisplayPort 1.4 Alt Mode):**Thunderbolt 3: 8K 30Hz (7680 x 4320); DisplayPort: 8K 30Hz (7680 x 4320) (Individually)Thunderbolt 3: 8K 30Hz (7680 x 4320) + DisplayPort: 4K 30Hz (3840 x 2160) (Dual Output)**USB-C MFDP Host (with DisplayPort 1.4 Alt Mode):**Thunderbolt 3: No Video (USB 2.0 Data only); DisplayPort: 4K 60Hz (3840 x 2160) (Single Output Only)**USB-C MFDP Host (with DisplayPort 1.2 Alt Mode):**Thunderbolt 3: No Video (USB 2.0 Data only); DisplayPort: 4K 30Hz (3840 x 2160) (Single Output Only)
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K); 5120x2880 (5K); 7680x4320 (8K)
Max Supported Video Resolution	7680 x 4320 (When connected to TB3 Host); 4K 60 Hz (When connected to USB-C MFDP Host)
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) **Note:** If USB-C host supports DP 1.2 Alt Mode instead of DP 1.4 Alt Mode, the maximum resolution is 4K/30 Hz
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) **Note:** If USB-C host supports DP 1.2 Alt Mode instead of DP 1.4 Alt Mode, the maximum resolution is 4K/30 Hz
Max Supported Color Depth	48-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
Signal Transmission	Unidirectional
DisplayPort Alt Mode	Yes
AUDIO	
Audio Ports	3.5MM (FEMALE)
Audio Ports Details	3.5mm Combo Stereo Audio / Microphone JackSupports 8/16/22.05/24/32/44.1/48/96/176.4/192/384 KHzSupports 16/24/32-Bit Sample RateSupports Auto-Detection and Auto-Switch between OMTP and CTIAIn order to extract sound the user must change the output sound manually in the sound setting of the source being used
DATA	
Data Ports	(2) THUNDERBOLT 3 (Type-C FEMALE); (2) USB A (FEMALE); USB C (FEMALE)
Data Ports Details	(2) USB-A - USB 3.2 Gen 2 (10 Gbps); (2) 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	Supports Secure Digital v.40 (SD 4.0) UHS-I (Ultra High Speed): SDR12 (12.5Mbyte/second)/SDR25 (25Mbyte/second)/SDR50 (50Mbyte/second)/SDR104 (104Mbyte/second)Supports UHS-II: Full Duplex Mode and Half Duplex Mode (Up to 312MB/s data rate)Both card readers can be used at the same time

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INPUT	
Maximum Input Amps	3
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
BATTERY	
Battery Charging (5V/1.5A Port)	Yes
POWER	
Power Source Type	AC Adapter with detachable power cord
External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/7 Schuko; NEMA 5-15P North America
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 2A
External Power Supply Output Specs (V / A)	20V / 6A
External Power Supply Cord Length (ft.)	3.94
External Power Supply Cord Length (m.)	1.2
Power Source	Unit (Included)
AC Adapter	Input: 100-240V, 50/60 Hz, 2A; Output: 20V / 6A
DC Barrel Plug	OD: 4.5 x 0.6 x 10.5mm, Positive Pin, Negative Sleeve
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	60W
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Port = Green (x1, Power); Amber (x1, Data)
CHARGING	
Number of Charging Ports	5
Total Charging Amps	6
Total Charging Watts	120
Charging Port Type	(2) THUNDERBOLT 3 (Type-C FEMALE); (2) USB A (FEMALE); USB C (FEMALE)
Charging Ports Details	(2) Thunderbolt 3 ports: (1) Charges the host device with up to 60 Watts (5V/9V/15V/20V 3A); (1) Supports Thunderbolt 3 daisy chaining up to 6 levels with source capability of 15W (5V/3A)(2) USB 3.2 Gen 2 Type-A ports. (1) USB-A port supports USB charging up to 5V 1.5A. (1) USB-A port up to 4.5W (5V/0.9A).(1) USB 3.2 Gen 2 Type-C port which supports USB charging up to 7.5W (5V/1.5A).
Charging Ports / Amps	(1) 0.9A; (2) 1.5A; (2) 3A
Compatible Devices	Chromebook; Laptop; Portable Speaker; Smartphone; Tablet

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PHYSICAL	
Color	Black; Gray
Material of Construction	PC, ABS, Aluminum
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Outer Diameter (OD)	4.4mm
Cable Length (ft.)	1.64
Cable Length (m)	0.50
Cable Length (in.)	19.69
Cable Length (cm)	50
Total Number of Ports	10
Unit Dimensions (hwd / in.)	0.670 x 3.150 x 5.790
Unit Dimensions (hwd / cm)	1.75 x 14.8 x 8.0
Unit Dimensions (hwd / mm)	17.5 x 80 x 148
Unit Packaging Type	Box
Unit Weight (lbs.)	3.3731
Unit Weight (kg)	1.53
ENVIRONMENTAL	
Operating Temperature Range	32 to 113 F (0 to 45 C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Operating Humidity Range	10% to 85% RH
Storage Humidity Range	5% to 90% RH
COMMUNICATIONS	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
EDID Compatible	Yes
CONNECTIONS	
Number of Ports	10
RJ45 Ports	1
RJ45 Ports Detail	Supports 10/100/1000 Mbps (Gigabit) Ethernet
Dock Connectors	DISPLAYPORT, 2X THUNDERBOLT 3, USB-C CHARGING, RJ45 LAN, MICRO SD, SD, 3.5MM, 2X USB-A, USB-C
Side A - Connector 1	(2) THUNDERBOLT 3 (Type-C FEMALE)
Side A - Connector 2	DISPLAYPORT (FEMALE)

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Side A - Connector 3	RJ45 (FEMALE)
Side A - Connector 4	RJ45 (FEMALE)
Side B - Connector 1	(2) USB A (FEMALE)
Side B - Connector 2	USB C (FEMALE)
Side B - Connector 3	3.5MM (FEMALE)
Side B - Connector 4	SD (FEMALE)
Side B - Connector 5	MICRO SD (FEMALE)
Side B - Connector 6	DISPLAYPORT (FEMALE)
Side A - Connector 5	USB A (FEMALE)
PORT EXPANSION	
Daisy-chainable or Cascadable	Supports Thunderbolt 3 daisy chain up to 6 levels with up to 15 Watts (5V/3A)
FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	3
USB Specification	USB 3.2 Gen 2 (Up to 10 Gbps)
Data Transfer Rate	40 Gbps
MST Support	Yes
Ethernet Support	Yes
Full Duplex Support	Yes
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)
Displayport Specification	1.4
Driver Required	Yes
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; GS; TUV; WEEE; cUL
Product Certifications	EN 55032; ICES (Canada); NOM (Mexico)
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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