

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, Dual Display - 8K DisplayPort, USB 3.2 Gen 2, USB-A/C Hub, Memory Card, GbE, Silver/Black

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-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

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



5V 900mA.

Accesses a Wired Gigabit Ethernet NetworkThe 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 PlaybackThis 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 AccessThe 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 DirectionUnlike 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 ImmediatelyThe 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.

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

Specifications

| OVERVIEW | |
|------------------------------|--|
| UPC Code | 037332250322 |
| Product Type | Docking Station |
| Host Connector | THUNDERBOLT 3 (Type-C MALE); USB C (MALE) |
| VIDEO | |
| 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 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 |
| Number of Monitors Supported | 2 |
| Resolutions Supported | Thunderbolt 3: 8K 30Hz (7680 x 4320) DisplayPort: 8K 30Hz (7680 x 4320) |
| Video Ports | THUNDERBOLT 3 (Type-C FEMALE); DISPLAYPORT (FEMALE) |
| Video Ports Detail | DisplayPort 1.4 |



| AUDIO | |
|--|---|
| Audio Ports | 3.5MM (FEMALE) |
| Audio Ports Detail | Mini stereo jack supports speakers or headphones |
| DATA | |
| Data Ports | (1) THUNDERBOLT 3 (Type-C FEMALE); (1) USB C (FEMALE); (1) USB A (FEMALE) |
| Data Ports Detail | (1) USB-C - ThunderBolt 3 (40 Gbps); (1) USB-C - USB 3.2 Gen 2 (10 Gbps); (1) USB-A - USB 3.2 Gen 2 (10 Gbps) |
| NETWORK | |
| Network Ports | RJ45 (FEMALE) |
| STORAGE | |
| Card Slots | SD (FEMALE); MICRO SD (FEMALE) |
| Card Slots Detail | 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 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 |
| BATTERY | |
| Battery Charging (5V/1.5A Port) | Yes |
| CHARGING | |
| Charging Ports | Supports 60W (20V 3A) Power to Host Computer; USB-A: 5V 1.5A (7.5W) |
| USB Power Delivery (PD) Charging Support | No |
| PHYSICAL | |
| Color | Black; Silver |
| 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 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) |
| Relative Humidity | 10% to 90% Relative Humidity (No Condensation) |
| Operating Humidity Range | 10% ~ 85% RH |
| Storage Humidity Range | 5% ~ 90% RH |
| COMMUNICATIONS | |
| Network Speed | Gigabit Ethernet (10/100/1000) |
| CONNECTIONS | |
| 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 | SD (FEMALE) |
| Side B - Connector 2 | MICRO SD (FEMALE) |
| Side B - Connector 3 | 3.5MM (FEMALE) |
| Side B - Connector 4 | USB Type-C (FEMALE) |
| Side B - Connector 5 | USB A (FEMALE) |
| Side A - Connector 5 | USB A (FEMALE) |
| FEATURES & SPECIFICATIONS | |
| Max Supported Video Resolution | 7680 x 4320 (8K) @ 30 Hz (Thunderbolt 3); 3840 x 2160 (4K x 2K) @ 60 Hz (MFDP) |
| Displayport Specification | 1.4 |
| USB Hub Ports | Yes |
| Number of USB Hub Ports | 3 |
| USB Specification | USB 3.2 Gen 2 (Up to 10 Gbps) |
| Audio Specification | Supports 8/16/22.05/24/32/44.1/48/96/176.4/192/384 KHz |
| Technology | DisplayPort; Thunderbolt; USB; USB 3.1 (Gen 2) |
| SD Card Specification | Micro SD; SD |
| Thunderbolt Specification | Thunderbolt 3 (up to 40Gbps short or active cables) |
| WARRANTY | |



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