

Thunderbolt 3 Dock - Dual Monitor 4K 60Hz TB3 Laptop Docking Station with DisplayPort - 85W Power Delivery Charging - 6-Port USB 3.0 Hub, SD 4.0, GbE, Audio - Windows & Mac

Product ID: TB3DOCK2DPPD



Easily transform your Thunderbolt 3 equipped MacBook Pro or Windows laptop into a dual-4K workstation with up to 40Gbps of throughput. The high-quality TB3 dock features six USB 3.0 ports, 85W Power Delivery to charge your laptop, and an SD card reader.

This dual-monitor docking station supports 40Gbps speeds and 4K (4096 x 2160) resolution at 60Hz on two monitors, enabling resource-demanding applications on independent displays without draining system resources. The TB3 dock can support 5K (5120 x 2880) resolutions @ 60Hz on a single display.

Connect your laptop to:

- 1 x 4K monitor via the DP Port
- 1 x 4K monitor via the TB3 USB-C Port (1.8 m cable included)

OR

- 1 x 5K monitor via the DP and TB3 USB-C ports

Simply connect the TB3 dock to your laptop with the included TB3 cable and start working immediately. No time-consuming driver installations are required. Set up a second monitor using the included USB-C to DisplayPort cable adapter, eliminating the need for extra adapters.

The TB3 docking station offers six USB 3.0 ports, including a Fast-Charge port and USB-C port, an GbE port and audio/microphone port. The built-in SD card reader adds storage not usually available on most docking stations.

Using a single cable, the universal laptop docking station provides up to 85W of Power Delivery to power and charge your laptop, and power your peripherals with its 180W power adapter.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

Advanced Windows Layout Utility: To setup and save custom windows layouts.

Mac Address Pass-Through Utility: To improve network security.

USB Event Monitoring Utility: To track and log connected USB devices

Wi-Fi Auto Switch Utility: Enabling users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit:
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Certifications, Reports and Compatibility



Applications

- Work productively with high-resolution images and video
- Transfer a 4K movie in under 30 seconds
- Transfer 3 hours of 4K GoPro video in less than a minute
- Edit 4K video on one display, with a full-size preview on the second 4K display

Features

- **HIGH-PERFORMANCE THUNDERBOLT 3 CERTIFIED DOCK:** Easy Driverless setup; Thunderbolt 3 (40Gbps); Dual 4K 60Hz (DP + TB3) video output or single monitor 5K 30Hz; 5x USB Hub; SD 4.0 card reader, Gigabit Ethernet, headset port; 85W PD
- **COMPATIBILITY:** Windows, macOS & Ubuntu; Works with all Thunderbolt 3/4 laptops; Extended dual displays on Apple M3 MacBook Air / Pro and M1 / M2 / M3 Max and Pro MacBooks; single Display on Apple M1 / M2 entry level MacBooks; Included USB-C to DP cable
- **MORE USB DEVICE PORTS:** TB3 docking station has a 6-port USB 3.1 Gen 1 5Gbps Hub (5x USB-A, 1x USB-C ports) w/ 1x BC 1.2 (1.5A) fast charging always-on port that works with or without laptop connected

- **FLEXIBLE THUNDERBOLT 3 PORT:** Downstream TB3 port supports 3 modes of operation: 2nd monitor for dual 4K 60Hz video utilizing direct GPU performance with no software or compression, daisy chain up to 5 TB3 peripherals, or connect USB Type-C accessories

- **OUR ADVANTAGE:** Includes power adapter that simultaneously provides 85W of Power Delivery to charge the laptop & full power to all ports; Connectivity Tools w/Network MAC Address Pass-Through, Windows Layout and more

General

UPC	065030863667
Package Quantity	1
Warranty	3 Years

Special Notes / Requirements

Special Notes	A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K). When connecting a display to one of the Thunderbolt 3 USB-C ports, a USB-C video adapter might be required depending on the input of your display. USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps. USB 3.1 Gen 2 offers speeds up to 10Gbps. MacBook Air and MacBook Pro systems using the new Apple M1 chip support only a single external display over the Thunderbolt 3 ports, even when connected to a Thunderbolt 3 docking station with more than one video output. This single monitor limitation does not affect Intel-based Macs with Thunderbolt 3.
System and Cable Requirements	Thunderbolt 3 equipped computer with a Thunderbolt 3 port. Your laptop's Thunderbolt 3 port must support USB Power Delivery 2.0 in order to power and charge your laptop.

Power

Power Source	AC Adapter Included
Power Delivery	85W
Input Voltage	110V-240V AC
Input Current	2.5 A
Output Voltage	20V DC

Output Current	9
Center Tip Polarity	Positive
Plug Type	N
Power Consumption	180

Physical & Environmental

Color	Space Gray
Material	Aluminum
Product Length	8.7 in [222.0 mm]
Product Width	3.4 in [87.0 mm]
Product Height	1.3 in [34.0 mm]
Weight of Product	17.4 oz [492.0 g]
Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	0~95% RH

Performance

Maximum Data Transfer Rate	40 Gbps (Thunderbolt 3)
	10 Gbps (USB 3.1 Gen 2)
	5 Gbps (USB 3.0)
	2 Gbps (Ethernet; Full-Duplex)
Type and Rate	Thunderbolt 3 (40Gbps)
UASP Support	Yes
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
PXE	Yes
Memory Media Type	SD/MMC (Secure Digital/Multimedia Card)

SDHC (Secure Digital High Capacity)

SDXC (Secure Digital eXtended Capacity)

microSD (Micro Secure Digital) (adapter required)

microSDHC (Micro Secure Digital High Capacity) (adapter required)

microSDXC (Micro Secure Digital eXtended Capacity) (adapter required)

Maximum Digital Resolutions

Dual displays - DisplayPort and Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p at 60Hz

Single 4K display - DisplayPort or Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p at 60Hz

Single 5K (5120 x 2880p) display (through Thunderbolt 3 USB-C port)

Hardware

Fast-Charge Port(s)

Yes

4K Support

Yes

Displays Supported

2

Bus Type

Thunderbolt 3

Number of Displays

2

Industry Standards

Thunderbolt 3

USB Battery Charging Specification Rev. 1.2

IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

USB 3.0 - Backward compatible with USB 2.0 and 1.1

Chipset ID

Intel - Alpine Ridge JHL6540

Texas Instruments - TPS65983

Fresco - FL1100EX

Intel - WGI210AT

C-Media - CM6533

Genesys Logic - GL3226

Packaging & In-the-Box

Included in Package	1 - docking station
	1 - Thunderbolt 3 cable
	1 - universal power adapter
	2 - power cords (NA/JP, ANZ)
	1 - instruction manual
	1 - USB-C to DisplayPort cable
Package Width	11.7 in [298 mm]
Package Depth	5.8 in [148 mm]
Package Height	3.7 in [95 mm]
Shipping (Package) Weight	64.2 oz [1820 g]

Connector(s)

Connector 1 (Quantity)	2
Connector 1	USB-C (Thunderbolt 40Gbps)
Connector 2 (Quantity)	1
Connector 2	DisplayPort
Connector 3 (Quantity)	1
Connector 3	USB-C (5Gbps, 4.5W)
Connector 4 (Quantity)	1
Connector 4	USB-A (7.5W Power Only)
Connector 5 (Quantity)	4
Connector 5	USB-A (5Gbps, 4.5W)
Connector 6 (Quantity)	1
Connector 6	RJ-45
Connector 7 (Quantity)	1

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