

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:  
[www.StarTech.com/Connectivity-Tools](http://www.StarTech.com/Connectivity-Tools)

TB3DOCK2DPPD is backed by a StarTech.com 3-year warranty and free lifetime technical support.

## 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

- **THUNDERBOLT 3 CERTIFIED DOCK:** Aluminum, 40Gbps dual 4K 60Hz DP & TB3 (USB-C) video output or single monitor 5K 30Hz, 85W PD, USB 3.0 Hub, SD 4.0 card reader, Gigabit Ethernet & Headset port
- **85W POWER DELIVERY:** Thunderbolt 3 Dock can power and charge Ultrabooks & workstation laptops such as MacBook Pro (15 & 16), MacBook Air, HP, Lenovo ThinkPad & Dell XPS using macOS and Windows.
- **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
- **EASY TO USE:** Universal Thunderbolt 3 dock w/ auto driver setup; incl. TB3 host cable and 6ft USB Type-C to DisplayPort cable for second DP monitor; extended dual display support on MacBook Pro/Air with Intel processor & single display with Apple M1 Chip
- **FLEXIBLE THUNDERBOLT 3 PORT:** Thunderbolt 3 port replicator w/ downstream TB3 port that supports 3 modes of operation: 2nd monitor, daisy chain up to 5 TB3 peripherals, or connect USB Type-C accessories
- **CONNECTIVITY TOOLS:** Provided with this device, the application improves performance and security, featuring MAC Address Changer, USB Event Monitoring, Windows Layout & Wi-Fi Auto Switch utilities

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### Hardware

Warranty	3 Years
4K Support	Yes
Fast-Charge Port(s)	Yes
Displays Supported	2
Bus Type	Thunderbolt 3
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

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## 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)
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)
Type and Rate	Thunderbolt 3 - 40 Gbit/s
UASP Support	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)

Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
PXE	Yes
Full Duplex Support	Yes

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**Connector(s)**

Connector Type(s)	Thunderbolt 3 USB-C (24-pin) (40Gbps)
	DisplayPort (20 pin)
	USB Type-C (24 pin) USB 3.0 (5Gbps)
	USB 3.0 A (Fast-Charge, 9 pin)
	USB 3.1 USB Type-A (9 pin, Gen 1, 5 Gbps)
	RJ-45
	3.5 mm Mini-Jack (4 Position)

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**Software**

OS Compatibility	Windows 8, 8.1, 10, 11 >macOS 10.12 - 10.15, 11.0, 12.0
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**Special Notes / Requirements**

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.
Note	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.

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**Power**

Power Source	AC Adapter Included
Power Delivery	85W
Input Voltage	100 - 240 AC
Input Current	2.5 A
Output Voltage	20V DC
Output Current	9 A
Center Tip Polarity	Positive
Plug Type	N
Power Consumption (In Watts)	180

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**Environmental**

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	0~95% RH

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**Physical Characteristics**

Color	Space Gray
Material	Aluminum
Product Length	8.7 in [22.2 cm]
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]
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**Packaging Information**

Package Length	11.6 in [29.5 cm]
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Package Width	5.7 in [14.5 cm]
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Package Height	3.5 in [90.0 mm]
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Shipping (Package) Weight	3.9 lb [1.8 kg]
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**What's in the Box**

Included in Package	docking station
	Thunderbolt 3 cable
	USB-C to DisplayPort cable
	universal power adapter
	power cords (NA/JP, ANZ)
	instruction manual

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***\*Product appearance and specifications are subject to change without notice.***

