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

Product ID: TB3DK2DPPD

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 three USB 3.0 ports, 85W Power Delivery to charge your laptop.

Great for video editing and other Ultra HD tasks, this dual-4K monitor docking station supports 40Gbps speeds and 4K resolution on two monitors. Run resource-demanding applications on two independent displays, without draining system resources.

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 & TB3 USB-C port

Simply connect the TB3 dock to your laptop with included TB3 cable and start working immediately. No time-consuming driver installations are required.

With three USB 3.0 ports, the Thunderbolt 3 docking station gives you plenty of ports for the latest and legacy devices. Connect USB devices like flash drives using the two Type-A ports. Keep your mobile device charged with the dock's Fast-Charge and sync port. Connect a USB-C device with the USB-C port (5Gbps - data only).

The Thunderbolt 3 docking station features a 170W power adapter supporting Power Delivery to power and charge (up to 85W) your laptop, while powering all your devices connected to the dock. This eliminates the need to use two separate power adapters for your laptop and dock.

The TB3DK2DPPD, includes a free Windows application that enables you to better manage your enterprise network

security. When you connect to your network through the ethernet port of the dock, the computer's MAC address is typically not broadcast to the network, as your network only sees the MAC address of the docking station. However, the StarTech.com MAC Address Changer or Cloning software enables the USB-C dock to use MAC address spoofing of the connected Windows laptop rather than the MAC address of the dock itself. This ensures your network administrators have full visibility of each device on the network and can monitor and limit activity accordingly. To request access to our MAC Address Changer utility, please contact our Technical Support Department by phone, live chat, or e-mail.

TB3DK2DPPD features a rugged aluminum casing and is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Review/edit images or media files on two 4K displays

• Transfer a 4K movie in under 30 seconds

• Transfer 3 hours of 4K GoPro video in less than a minute

• Dock and undock quickly, with a single cable for data, power, and external displays

Features

• THUNDERBOLT 3 CERTIFIED DOCK: 40Gbps video/data bandwidth, dual 4K 60Hz DP & TB3 (USB-C) video outputs, 85W PD, USB 3.0 5 Gbps Hub w/ 2x USB-A (1 Front Fast-Charging) & 1x USB-C, GbE, 3.5mm audio/mic

• 85W POWER DELIVERY: This Thunderbolt 3 Docking Station will power and charge laptops & ultrabooks such as MacBook Pro 13 & 16, MacBook Air, HP, Lenovo ThinkPad, & Dell XPS using macOS and Windows.

• EASY TO USE: TB3 Dock w/ auto drivers & MAC Address Changer Utility; incl. Thunderbolt 3 host cable & USB-C to DisplayPort cable for 2nd 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/ a downstream TB3 port that supports 3 modes of operation: a second monitor, daisychain TB3 peripherals, or connect USB Type-C accessories

• DAISYCHAIN UP TO 5 THUNDERBOLT 3 DEVICES: Connect additional TB3 devices to this TB3 dock including monitors, external hard drive bays, card readers, or an external GPU; using the downstream TB3 port.

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 DSL6540
	Fresco - FL1100EX
	Texas Instruments - PCM2912A
	Intel - WGI210AT
	Texas Instruments - TPS65983

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	Single display - DisplayPort - 4096 x 2160p / 3840 x 2160p
	Single Display - Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p
	Dual displays - DisplayPort 4096 x 2160p / 3840 x 2160p and Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p
Type and Rate	Thunderbolt 3 - 40 Gbit/s
UASP Support	Yes
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes

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 Type-A (9 pin) USB 3.0 (5 Gbps)

3.5 mm Mini-Jack (3 Position)

RJ-45

Software

	OS Compatibility	Windows 7, 8, 8.1, 10<br / >macOS 10.12 - 10.15, 11.0

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.
		Certain monitors may be limited to 4K at 30Hz when connecting through DisplayPort. These monitors include the following models: Dell P2715Q, Viewsonic VX2475Smhl-4K, Philips 288P6LJEB, LG 31MU97C-B, Asus PB287Q (these models will need to be set to 4K at 30Hz).
		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.

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	8.5 A
Plug Type	CP (OD:7.4/ID:5.1/CPD:0.6)
Power Consumption (In Watts)	170

Environmental

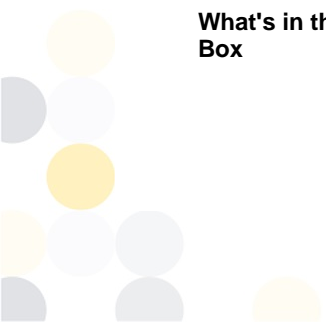|	
Operating Temperature	5C to 40C (41F to 104F)
Storage Temperature	-40C to 70C (-40F to 158F)
Humidity	5~95% RH (Non-condensing)

Physical Characteristics

Color	Gray and Black
Material	Aluminum and Plastic
Cable Length	20.5 in [52 cm]
Product Length	8.7 in [22.0 cm]
Product Width	3.1 in [80.0 mm]
Product Height	1.1 in [27.0 mm]
Weight of Product	15.9 oz [450.0 g]

Packaging Information

Package Length	9.8 in [24.8 cm]
Package Width	5.8 in [14.8 cm]
Package Height	3.5 in [88.0 mm]
Shipping (Package) Weight	3.3 lb [1.5 kg]

What's in the Box

Included in Package	docking station

1.7 ft. [520 mm] Thunderbolt 3 cable

universal power adapter

power cords (NA/JP, ANZ)

instruction manual

6 ft. [1.8 m] USB-C to DP cable

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