Thunderbolt 3 Dual-4K Docking Station for Laptops - Mac and Windows

Product ID: TB3DKDPMAW



This Thunderbolt 3 dock is designed for users with Thunderbolt 3 port equipped MacBook Pro or Windows based laptops. The dock supports dual monitors, so you can easily connect two 4K Ultra HD displays (one DisplayPort and one Thunderbolt 3 USB-C port), or a single Thunderbolt 3 display (60Hz).

You can quickly integrate the dock into your workspace and boost your productivity. With up to 40Gbps of throughput, you can add extra displays to your laptop, access files faster, and reduce waiting, so you can accomplish more in the same amount of time.

Simply connect theTB3 dockto your laptop with the included TB3 cable and start working immediately. No time-consuming driver installations are required.

The Thunderbolt 3 dock supports two 4K (3840 x 2160p or 4096 x 2160p) monitors through the DisplayPort and Thunderbolt 3 USB-C port (a USB-C video adapter might be required).

With access to new and legacy technologies through several different port types, the dock is ideal for virtually all Thunderbolt 3 equipped laptops, including the Apple MacBook Pro and the Dell XPS.

Using the single Thunderbolt 3 cable (included) and a single port on your laptop, you can transform your macOS Sierra (or later) or Windows 7 (or later) laptop into a full-size workstation with access to new and legacy technologies through a number of different port types. The dock is ideal for virtually all Thunderbolt 3 equipped laptops, including the Apple MacBook Pro (2016) and the Dell XPS 13.

The Thunderbolt 3 docking station features two Thunderbolt 3 USB-C ports for connecting to Thunderbolt devices and other peripherals that use the USB-C connector, as well as DisplayPort video output.

With the three USB 3.0 ports, you have plenty of ports to connect modern and legacy devices. (USB 3.0 is also known as USB 3.1 Gen 1.) You can keep your mobile device charged and ready to go using the dock’s convenient, always-on USB fast-charge and sync port which supports USB Battery Charging Specification 1.2. The Thunderbolt 3 dock also features an extra USB-C port (5Gbps - data only), and a Gigabit Ethernet port.

Maximum Supported Resolutions*

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).

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.

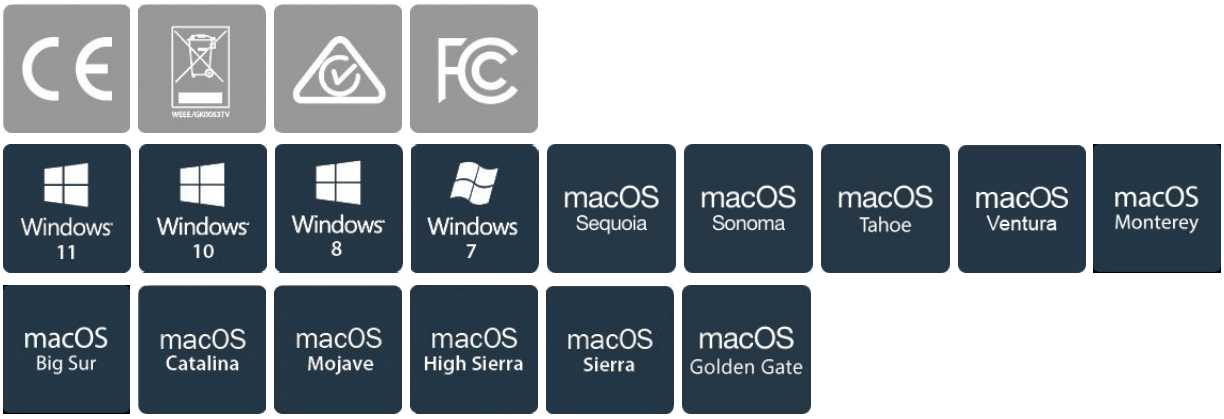
USB Event Monitoring Utility: To track and log connected USB devices

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

The TB3DKDPMAW 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

• The perfect docking station for the MacBook Pro, with support for macOS Sierra (or later)

• A vital accessory for your Thunderbolt 3 equipped laptop

• Ideal for creative professionals and those who work with high-resolution, high-bandwidth, and graphically intensive images, video, CAD drawings, and medical imagery

• Recommended for video producers, graphic and web designers, engineers, architects, and more

• Access and edit large, uncompressed files such as videos and images on the fly, for dynamic on-site production

• Transfer a 4K movie in under 30 seconds, or 3 hours of 4K GoPro video in less than a minute

• Edit 4K video on one display, with a full-size video preview on the second 4K display

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

Features

• Improve your workflow with single-cable docking and up to 40Gbps bandwidth — twice the speed of Thunderbolt 2 (20Gbps) and eight times faster than USB 3.0 (5Gbps)

• Easy to set up and ready to go with no driver installation or extra adapters required

• Supports dual-4K monitors, with 3840 x 2160p or 4096 x 2160p on each display

• Connects to your laptop's Thunderbolt 3 USB-C port, so you can access multiple displays and peripherals

• Thunderbolt Certified and includes a Thunderbolt 3 host cable (0.5 m)

General		
	UPC	065030866101
	Package Quantity	1
	Warranty	3 Years
Special Notes / Requirements		
	Special Notes	This docking station does not provide full power delivery but will provide 15W of power, resulting in a slow charge to some laptops, such as MacBook Pro (2016). When the dock is connected to your host laptop, a charging icon may appear on your laptop's screen. This is only sufficient enough to charge your laptop in sleep state, and charging will require an extended time period. 5K support can only be achieved using a Thunderbolt 3 5K monitor. DisplayPort 5K monitors will not work with this docking station. A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K). 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). 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. Your computer’s Thunderbolt 3 ports might not function properly until you update one or more of the following on your computer:, • BIOS, • Thunderbolt firmware, • Thunderbolt 3 controller drivers, • Thunderbolt 3 software, The required updates will vary depending on your computer., For an up-to-date list of affected computers and instructions, visit http://thunderbolttechnology.net/updates. If your computer's manufacturer isn’t listed on the Thunderbolt website, contact your manufacturer.
	System and Cable Requirements	Thunderbolt 3 equipped computer with a Thunderbolt 3 port.
Power		
	Power Source	AC Adapter Included
	Power Delivery	15W (MacBook Pro only)
	Input Voltage	100 - 240 AC
	Input Current	1.5 A
	Output Voltage	12V DC
	Output Current	6 A
	Center Tip Polarity	Positive
	Plug Type	N
	Power Consumption	72
Physical & Environmental		
	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	15.8 oz [447.0 g]

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

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
	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

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

Packaging & In-the-Box		
	Included in Package	1 - Thunderbolt 3 docking station
		1 - Thunderbolt 3 cable
		1 - universal power adapter
		2 - power cords (NA/JP, ANZ)
		1 - instruction manual
	Package Width	5.1 in [13 cm]
	Package Depth	9.8 in [24.9 cm]
	Package Height	4.4 in [11.3 cm]
	Shipping (Package) Weight	2.9 lb [1.3 kg]

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)	1

Connector 5	USB-A (5Gbps, 4.5W)
Connector 6 (Quantity)	2
Connector 6	3.5mm (3 Conductors, TRS)
Connector 7 (Quantity)	1
Connector 7	RJ-45

Product appearance and specifications are subject to change without notice.