Thunderbolt 3 Dual-4K Docking Station for Laptops - Mac and Windows
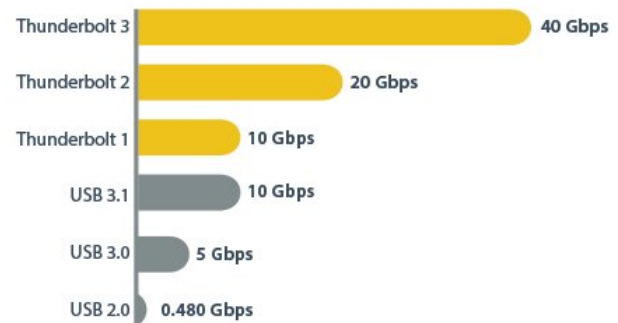
Product ID: TB3DKDPMAW

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).

Finish Your Work Faster with Thunderbolt 3

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.

Thunderbolt 3	40 Gbps
Thunderbolt 2	20 Gbps
Thunderbolt 1	10 Gbps
USB 3.1	10 Gbps
USB 3.0	5 Gbps
USB 2.0	0.480 Gbps

Easy Installation & Deployment

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

Multitask at the Highest Resolution

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.

Connect Your Peripherals Using Only a Single Cable

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.

Convenient connections prepare you for the future

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*

Video Output Configuration	Max DisplayPort Resolution	Max Thunderbolt 3 USB-C Resolution
DisplayPort and Thunderbolt 3 USB-C (Two Displays - Dual-4K)	3840 x 2160p or 4096 x 2160p (4K)	3840x 2160p or 4096 x 2160p (4K)
DisplayPort (Single Display - 4K)	3840 x 2160p or 4096 x 2160p (4K)	N/A
Thunderbolt 3 USB-C (Single Display through DP ALT mode - 4K)	N/A	3840x 2160p or 4096 x 2160p (4K - 60Hz)
Thunderbolt 3 USB-C Daisy Chain	N/A	Dependent on the number of Thunderbolt 3 displays

Lower resolutions are also supported.

When connecting a display to one of the Thunderbolt 3 USB-C ports, a USB-C video adapter may be required depending on the input of your display.

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).

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)
- Includes three USB 3.0 ports (USB-C, 2x USB-A), two Thunderbolt 3 USB-C ports, 3.5 mm audio out, 3.5 mm microphone in, and Gigabit Ethernet
- Fast charge your phone or tablet with the always-on USB 3.0 fast-charge and sync port

Hardware	Warranty	3 Years
	4K Support	Yes
	Bus Type	Thunderbolt 3
	Chipset ID	Intel - Alpine Ridge DSL6540 Fresco - FL1100EX Texas Instruments - PCM2912A Intel - WGI210AT Texas Instruments - TPS65983
	Displays Supported	2
	Fast-Charge Port(s)	Yes
	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
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	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
Connector(s)	Connector Type(s)	2 - Thunderbolt™ 3 USB-C (24-pin) (40Gbps) Female
		1 - DisplayPort (20 pin) Female
		1 - USB Type-C (24 pin) USB 3.0 (5Gbps) Female
		1 - USB 3.0 A (Fast-Charge, 9 pin) Female
		1 - USB Type-A (9 pin) USB 3.0 Female
		2 - 3.5 mm Mini-Jack (3 Position) Female
		1 - RJ-45 Female
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 macOS 10.12 - 10.15

Special Notes / Requirements	**Note**	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	Center Tip Polarity	Positive
	Input Current	1.5 A
	Input Voltage	100 - 240 AC
	Output Current	6 A
	Output Voltage	12V DC
	Plug Type	N
	Power Consumption (In Watts)	72

	Power Delivery	15W (MacBook Pro only)
	Power Source	AC Adapter Included
Environmental	Humidity	5~95% RH (Non-condensing)
	Operating Temperature	5°C to 40°C (41°F to 104°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Physical Characteristics	Cable Length	20.5 in [520 mm]
	Color	Gray and Black
	Material	Aluminum and Plastic
	Product Height	1.1 in [2.7 cm]
	Product Length	8.7 in [22 cm]
	Product Width	3.1 in [80 mm]
	Weight of Product	15.8 oz [447 g]
Packaging Information	Package Height	4.4 in [11.3 cm]
	Package Length	5.1 in [13 cm]
	Package Width	9.8 in [24.9 cm]
	Shipping (Package) Weight	2.9 lb [1.3 kg]
What's 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

Product appearance and specifications are subject to change without notice.