Thunderbolt 3 Dual-4K Docking Station for Laptops - Windows Only

Product ID: TB3DK2DPW

You can quickly integrate the dock into your workspace and boost your productivity. With up to 40 Gbps 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.

It's the fastest connection available, and it supports multiple video channels and data, without impacting system performance. It's easy to access and edit large uncompressed files such as videos and images on the fly, making it ideal for dynamic on-site production.

The Thunderbolt 3 dock supports 4K resolutions (3840 x 2160p or 4096 x 2160p) at up to 60Hz when you use a single Thunderbolt 3 display. Creative professionals can be more productive with the freedom to edit 4K video on one display, with a full-size video preview on the second 4K display.

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

Using a single cable and a single port on your laptop, you can transform your Windows laptop into a full-size workstation with access to new and legacy technologies through several different port types. The dock is ideal for virtually all Windows based Thunderbolt 3 equipped laptops such as the Dell Precision, Dell XPS, Asus Zenbook Pro Ux501vw, HP Zbook 15 G3, and Lenovo P50.

The dock 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.

You can keep your mobile device charged and ready to go using the dock's USB fast-charge and sync port. Additionally offering, an extra USB-C port (5Gbps - data only), and a Gigabit Ethernet port.

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 TB3DK2DPW features a rugged aluminum casing, and is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Note: This docking station will not charge your host laptop

Certifications, Reports and Compatibility

Applications

• Ideal for creative professionals working 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

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

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

• Fast charge your phone or tablet with the always-on USB 3.0 fast-charge and sync port

• Includes three USB 3.0 ports (USB-C, 2x USB-A), two Thunderbolt 3 USB-C ports, 3.5mm audio out, 3.5mm

microphone in, and GbE

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

• 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 DSL6540
		Fresco - FL1100EX
		Texas Instruments - PCM2912A
		Intel - WGI210AT
		Texas Instruments - TPS65982

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

Lower resolutions are also supported.

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)	2 - Thunderbolt 3 USB-C (24-pin) (40Gbps)
	1 - DisplayPort (20 pin)
	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
	1 - USB 3.2 Type-A (9 pin, Fast-Charge)
	1 - USB Type-A (9 pin, 5 Gbps)
	2 - 3.5 mm Mini-Jack (3 Position)
	1 - RJ-45

Software

OS Compatibility	Windows 11, 10 (32-bit or 64-bit), 8 / 8.1 (32-bit or 64-bit), 7 (32-bit or 64-bit)

Special Notes / Requirements

System and Cable Requirements	Thunderbolt 3 equipped computer with a Thunderbolt 3 port - Windows only.
	The docking station does not support Mac or Linux operating systems.
Note	This docking station will not charge your host laptop.
	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 may 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.

The DisplayPort output port on this dock does not support MST.

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 manufacturer isn't listed on the Thunderbolt website, contact your manufacturer.,

Power

Power Source	AC Adapter Included
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 (In Watts)	72

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 [520 mm]

	Product Length	8.7 in [22 cm]
	Product Width	3.1 in [80 mm]
	Product Height	1.1 in [2.7 cm]
	Weight of Product	15.6 oz [442 g]

Packaging Information

	Package Quantity	1
	Package Length	9.8 in [25 cm]
	Package Width	5.3 in [13.4 cm]
	Package Height	4.5 in [11.4 cm]
	Shipping (Package) Weight	2.6 lb [1.2 kg]

What's in the Box

	Included in Package	1 - Thunderbolt 3 dual-4K docking station for laptops
		1 - Thunderbolt 3 cable - 40Gbps - 0.5m
		1 - universal power adapter
		1 - power cord (NA)
		1 - instruction manual

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