

Thunderbolt 4 Dock, 96W Power Delivery, Single 8K/Dual Monitor 4K 60Hz, 3xTB4/USB4 ports, 4xUSB-A, SD, GbE, Thunderbolt 4 Docking Station for Windows or TB3 MacBook, 0.8m Cable

**Product ID:** TB4CDOCK

This Thunderbolt 4 Certified docking station lets you use a single Thunderbolt 4, Thunderbolt 3 or USB4 port to add high-performance connectivity and charge your Thunderbolt 4 or USB4 Windows laptop, or your Thunderbolt 3 M1 or Intel MacBook (macOS 11 Big Sur or higher).

For easy deployment the dock includes a 2.6 ft. (0.8 m) Thunderbolt 4 cable that connects to the front-facing host port, and features Kensington-style security slots.

The docking station utilizes the high throughput available to your computer's Thunderbolt 4, Thunderbolt 3, or USB4 port to provide a wide range of port connectivity to suit a variety of applications, including daisy chaining up to five devices from the TB4/USB4 ports.

The dock features:

- 3x downstream Thunderbolt 4/USB4 ports to flexibility connect Thunderbolt 4, Thunderbolt 3, and USB peripheral devices and display(s), with the added benefit of 15W (3A) device charging per each port.
- 3x USB 3.2 Gen 2 (10Gbps) Type-A ports to connect USB peripheral devices.
- 1x USB 2.0 (480Mbps) Type-A port that supports BC 1.2 with 7.5W (1.5A) for charging tablets and smartphones, or connecting USB Human Interface Device(s) (HID), such as a USB transceiver, to minimize signal interference.
- 1x Gigabit Ethernet port with PXE boot and WoL to connect to a wired Local Area Network (LAN).
- 1x Secure Digital (SD) 4.0/UHS-II card reader to externally access SD, SDHC and SDXC memory cards.
- 1x 3.5mm 4-position TRRS Audio Jack to connect a 3.5mm headset.

Up to two monitors can be attached to any of the downstream Thunderbolt 4 ports using USB-C monitors, Thunderbolt monitors or USB-C DP Alt Mode to video adapters (video adapter required, each sold separately).

On Thunderbolt 4 Windows laptops the dock can support dual monitors with resolutions up to 8K/6K/5K/4K 60Hz, or a single monitor with resolutions up to 8K/6K/5K/4K 60Hz.

On M1 Thunderbolt 3 MacBooks the dock can support a single monitor with resolutions up to 6K/5K/4K 60Hz.

On Intel Thunderbolt 3 MacBooks the dock can support dual monitors with resolutions up to 4K 60Hz, or a single monitor with resolutions up to 5K/4K 60Hz.

On USB4 Windows laptops the dock can support a single monitor with resolutions up to 8K/6K/5K/4K 60Hz.

The Thunderbolt 4 docking station includes a 135W power adapter and supports 96W USB power delivery. This enables the dock to charge your MacBooks and Thunderbolt 4 and USB4 Windows laptops. Plus, the added power provides downstream TB4/USB4 ports with 15W (3A) for device charging, and enables one of the USB-A ports to support BC 1.2, for charging tablets and smartphones.

To ensure compatibility with your Thunderbolt 4 computers and Thunderbolt 4/3 peripheral devices. This certification provides assurance the dock will be fully compatible with Intel Evo/Tiger Lake (11th gen & up) Thunderbolt 4 laptops including: Dell Precision 5560/5760, XPS 13 9310, HP EliteBook 850 G8, ProBook 450 G8, and Lenovo X1 Carbon 9th Gen. The dock is also compatible with M1 & Intel Thunderbolt 3 MacBooks (11.0 & up).

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)

TB4CDOCK is backed by a 3-year StarTech.com warranty, and free lifetime multilingual, North American based technical support.

## Certifications, Reports and Compatibility

### Applications

- Use in hot-desk workstations for user laptop hoteling
- Charge your tablets and smartphones from the B.C 1.2 USB-A port
- Externally access SD, SDHC and SDXC memory cards

### Features

- **COMPATIBILITY:** Dock features 3x downstream Thunderbolt 4 ports to connect TB4, TB3, USB4 & USB 3.2 peripherals & display(s); Only compatible with Windows Thunderbolt 4/USB4 laptops or M1 & Thunderbolt 3 Intel MacBooks (macOS 11 Big Sur or higher)
- **CERTIFIED 96W POWER DELIVERY:** Charge most laptops including high performance MacBooks and Thunderbolt 4/USB4 Windows laptops; Downstream TB4/USB4 ports support 15W (3A) charging; 1x BC 1.2 USB-A port with 7.5W (1.5A) for charging tablets & smartphones
- **PORT FLEXIBILITY:** 3x TB4 ports for peripherals, up to 2 extended displays (w/USB-C video adapters), daisy chain up to 5 devices; 4x USB-A ports (3x 10Gbps/1x BC 1.2 fast charge); SD 4.0 card reader; Gigabit Ethernet (w/PXE Boot/WoL); 3.5mm headset port
- **DISPLAY COMPATIBILITY:** docking station supports up to single 8K / 6K / 5K or dual monitors at 4K60Hz on Thunderbolt 4 & USB4 laptops supporting multiple monitors Single 4K60Hz/5K/6K on M1 MacBooks Dual 4K60Hz / Single 5K on Thunderbolt 3 Intel MacBooks
- **THUNDERBOLT CERTIFIED:** Fully compatible w/Intel Evo, Tiger Lake (11th gen) & up Thunderbolt 4 laptops (Dell Precision 5560/5760, XPS 13 9310, HP EliteBook 850 G8, ProBook 450 G8, Lenovo X1 Carbon 9th Gen); Also compatible w/M1 & TB3 MacBooks (11.0 & up)

- **EASY DEPLOYMENT:** Included 0.8m Thunderbolt 4 cable; Front host port; Kensington-style security slots; Auto driver setup; StarTech.com Connectivity Tools App incl, USB Event monitoring, Windows Layout & Wi-Fi Auto Switch utilities
- **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
Fast-Charge Port(s)	Yes
Displays Supported	2
Audio	Yes
Bus Type	Thunderbolt 4
Compatible Lock Slot	Kensington Mini Slot / Standard Slot Kensington Standard Slot (K-Slot)
Chipset ID	Intel - JHL8440 Cypress - CYUSB4357 Parade - FL5801 Parade - FL5801 Cypress - CYPD5235 Realtek - RTL8153B Realtek - ALC4042 Genesys Logic - GL3226

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## Performance

Maximum Digital Resolutions	Thunderbolt 4 Systems: Dual 4K 60Hz or Single 8K/6K/5K/4K 60Hz  Thunderbolt 3 Intel Mac Systems: Dual 4K 60Hz or Single 5K/4K 60Hz, Thunderbolt 3 M1 Mac Systems: Single 4K 60Hz or 6K/5K/4K 60Hz, Thunderbolt 4 & Compatible USB4 Systems: Dual 4K 60Hz or Single 8K/6K/5K/4K 60Hz  USB4 Systems: Single 8K/6K/5K/4K 60Hz
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<i>USB4 Windows laptops may support dual-displays over Thunderbolt if supported by the USB4 Windows Laptop</i>

Audio Specifications	Analog Stereo - 2 Channel Audio
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)**

External Ports	SD Slot USB 2.0 A (Fast-Charge, 4 pin) 3.5mm Audio (4-Position, Speakers + Mic, CTIA) Thunderbolt 4 (USB 4.0) Ethernet Gigabit USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps)
Host Connectors	Thunderbolt 4 (USB 4.0)

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**Software**

OS Compatibility	Windows 11 Windows 10 macOS Big Sur (11.0) macOS Monterey (12.0)
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**Special Notes / Requirements**

Note	The docking station is only compatible with Thunderbolt 4/USB4 Windows laptops and Thunderbolt 3 M1/Intel MacBooks (macOS 11 Big Sur or higher)
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**Indicators**

LED Indicators	White On: Power  Green On: Connected to Host
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**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	2.5 A
Output Voltage	20V DC
Output Current	6.75 A
Center Tip Polarity	Positive
Plug Type	7.4mm OD, 5.5mm ID, 0.5mm CPD
Power Consumption (In Watts)	135

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**Environmental**

Operating Temperature	0 to 50C
Storage Temperature	-20 to 70C
Humidity	0% to 95% (non-condensing) at 25C

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**Physical Characteristics**

Color	Black & Gray
Material	Aluminum and Plastic
Cable Length	31.5 in [80 cm]
Product Length	3.3 in [83.7 mm]
Product Width	7.6 in [19.4 cm]



Product Height	1.1 in [29.0 mm]
Weight of Product	35.3 oz [1000.0 g]

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**Packaging Information**

Package Length	5.7 in [14.5 cm]
Package Width	9.3 in [23.5 cm]
Package Height	3.5 in [90.0 mm]
Shipping (Package) Weight	2.4 lb [1.1 kg]

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**What's in the Box**

Included in Package	Thunderbolt 4 Docking Station
	Thunderbolt 4 Cable
	Universal Power Adapter (NA/JP)
	Quick-Start Guide

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

