

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, Thunderbolt 4 M1 Max/M1 Pro MacBook, 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 40Gbps throughput available from 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 flexibly 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 4K 60Hz, or a single monitor with resolutions up to 8K 30Hz, 6K 60Hz, 5K 60Hz, 4K 60Hz.

On Thunderbolt 4 M1 Max and M1 Pro MacBooks the dock can support dual monitors with resolutions up to 4K 60Hz, or a single monitor with resolutions up to 6K 60Hz, 5K 60Hz, 4K 60Hz.

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

On USB4 Windows laptops the dock can support a single monitor with resolutions up to 8K 30Hz, 6K 60Hz, 5K 60Hz, 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.

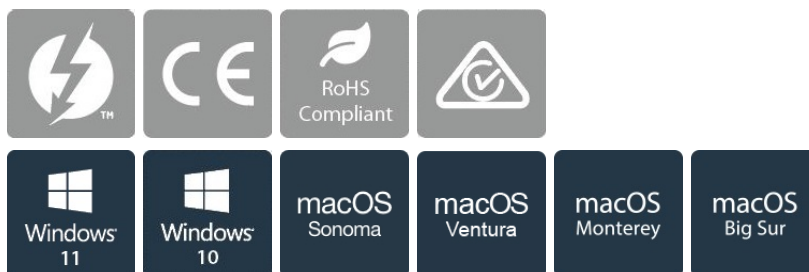
Mac Address Pass-Through Utility: To improve network security.

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

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

- **HIGH-PERFORMANCE THUNDERBOLT 4 CERTIFIED DOCK:** Easy Driverless setup; 3x downstream Thunderbolt 4 (40Gbps) ports; 4x USB-A ports (3x 10Gbps/1x BC 1.2 fast charge); SD card reader; GbE; 2.6ft TB4 cable; Front host port; Kensington-style security slots;
- **CERTIFIED 96W POWER DELIVERY:** Includes fully spec'd power adapter to simultaneously charge laptop (96W PD) & power to all ports; Downstream TB4 / TB3 / USB4 ports support 15W (3A) charging; 1x BC 1.2 USB-A port with 7.5W (1.5A) for charging mobile devices
- **COMPATIBILITY:** This docking station is compatible with Windows, macOS, and Ubuntu; Supports Thunderbolt or USB4 laptops; Dual Display on M1, M2, M3 Max/Pro, M4 Pro/Max MacBooks, and single display on base M-series MacBooks and iPad Pro M1 & later
- **3x THUNDERBOLT 4 PORTS:** The dock features three downstream Thunderbolt 4 ports for connecting TB4, TB3, USB4 or USB peripherals; The TB4 ports can be used for connecting up to two external displays supporting dual 4K 60Hz or a single 5K/6K/8K monitor
- **OUR ADVANTAGE:** Included connectivity tools for IT Pros and IT help-desk support teams with Network MAC Address Pass-Through for network security, WiFi Auto Switching for improved network performance, USB Event Monitoring, and Windows Layout

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

Cypress - CYPD5235

Realtek - RTL8153B

Realtek - ALC4042

Genesys Logic - GL3226

Performance

Wake On Lan	Yes
Maximum Digital Resolutions	Thunderbolt 4 Windows Systems: Dual 4K 60Hz or Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz Thunderbolt 4 M1 Pro & M1 Max Mac Systems: Dual 4K 60Hz or Single 5K 60Hz / 4K 60Hz, Thunderbolt 3 Intel Mac Systems: Dual 4K 60Hz or Single 6K 60Hz / 5K 60Hz / 4K 60Hz, Thunderbolt 3 M1 Mac Systems: Single 4K 60Hz or 6K 60Hz / 5K 60Hz / 4K 60Hz, Thunderbolt 4 & Compatible USB4 Systems: Dual 4K 60Hz or Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz USB4 Systems: Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz USB4 Windows laptops may support dual-displays over Thunderbolt if supported by the USB4 Windows Laptop
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

Connector(s)

	External Ports	1 - SD Slot
		1 - USB 2.0 A (Fast-Charge, 4 pin)
		1 - 3.5mm Audio (4-Position, Speakers + Mic, CTIA)
		3 - Thunderbolt 4 (USB 4.0)
		1 - Ethernet Gigabit
		3 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps)
	Host Connectors	1 - Thunderbolt 4 (USB 4.0)
Software		
	OS Compatibility	Windows 11
		Windows 10
		macOS Big Sur (11.0)
		macOS Monterey (12.0)
		macOS Ventura (13.0)
		macOS Sonoma (14.0)
		macOS Sequoia (15.0)
		macOS Tahoe (26.1)
Special Notes / Requirements		
	Note	The docking station is compatible with Thunderbolt 4/USB4 Windows laptops, Thunderbolt 4 M1/M2/M3 Max/Pro MacBooks, and Thunderbolt 3 M1/Intel MacBooks (macOS 11 Big Sur or higher)
Indicators		
	LED Indicators	1 - White On: Power
		1 - Green On: Connected to Host
Power		
	Power Source	AC Adapter Included
	Power Delivery	96W
	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

Environmental

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

Physical Characteristics

Color	Black & Gray
Material	Aluminum and Plastic
Cable Length	31.5 in [80 cm]
Product Length	3.3 in [8.4 cm]
Product Width	7.6 in [19.4 cm]
Product Height	1.1 in [2.9 cm]
Weight of Product	2.2 lb [1.0 kg]

Packaging Information

Package Quantity	1
Package Length	5.8 in [14.7 cm]
Package Width	9.2 in [23.3 cm]
Package Height	3.6 in [9.1 cm]
Shipping (Package) Weight	2.7 lb [1.2 kg]

What's in the Box

Included in Package	1 - Thunderbolt 4 Docking Station
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1 - Thunderbolt 4 Cable

1 - Universal Power Adapter (NA/JP)

1 - Quick-Start Guide

**Warranty
Information**

Warranty

3 Years

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