

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 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 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.

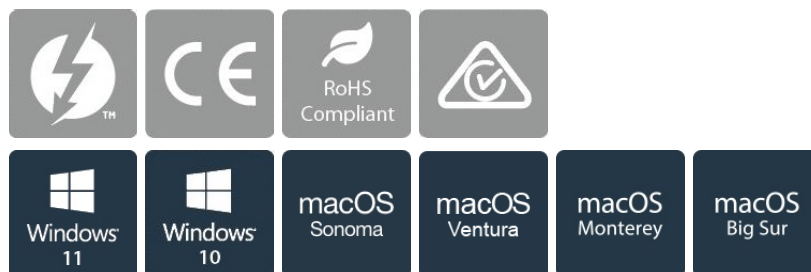
Mac Address Pass-Through Utility: To improve network security.

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](http://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<br>Kensington Standard Slot (K-Slot) |
| Chipset ID           | Intel - JHL8440<br>Cypress - CYUSB4357<br>Parade - FL5801                 |

Parade - FL5801

Cypress - CYPD5235

Realtek - RTL8153B

Realtek - ALC4042

Genesys Logic - GL3226

---

## Performance

|                             |  |
|-----------------------------|--|
| Wake On Lan                 | Yes  |
| Maximum Digital Resolutions | <p>Thunderbolt 4 Windows Systems: Dual 4K 60Hz or Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz</p> <p>Thunderbolt 4 M1 Pro &amp; 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 &amp; Compatible USB4 Systems: Dual 4K 60Hz or Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz</p> <p>USB4 Systems: Single 8K 30Hz / 6K 60Hz / 5K 60Hz / 4K 60Hz</p> <p>USB4 Windows laptops may support dual-displays over Thunderbolt if supported by the USB4 Windows Laptop</p> |
| Audio Specifications        | Analog Stereo - 2 Channel Audio  |
| Memory Media Type           | <p>SD/MMC (Secure Digital/Multimedia Card)</p> <p>SDHC (Secure Digital High Capacity)</p> <p>SDXC (Secure Digital eXtended Capacity)</p> <p>microSD (Micro Secure Digital) (adapter required)</p> <p>microSDHC (Micro Secure Digital High Capacity) (adapter required)</p> <p>microSDXC (Micro Secure Digital eXtended Capacity) (adapter required)</p>  |
| Compatible Networks         | 10/100/1000 Mbps   |
| Auto MDIX                   | Yes  |
| PXE                         | Yes  |
| Full Duplex Support         | Yes  |

---

**Connector(s)**

|                 |  |
|-----------------|--|
| External Ports  | <p>1 - SD Slot</p> <p>1 - USB 2.0 A (Fast-Charge, 4 pin)</p> <p>1 - 3.5mm Audio (4-Position, Speakers + Mic, CTIA)</p> <p>3 - Thunderbolt 4 (USB 4.0)</p> <p>1 - Ethernet Gigabit</p> <p>3 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps)</p> |
| Host Connectors | <p>1 - Thunderbolt 4 (USB 4.0)</p>   |

---

**Software**

|                  |   |
|------------------|---|
| OS Compatibility | <p>Windows 11</p> <p>Windows 10</p> <p>macOS Big Sur (11.0)</p> <p>macOS Monterey (12.0)</p> <p>macOS Ventura (13.0)</p> <p>macOS Sonoma (14.0)</p> <p>macOS Sequoia (15.0)</p> <p>macOS Tahoe (26.1)</p> |
|------------------|---|

---

**Special Notes / Requirements**

|      |   |
|------|---|
| Note | <p>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)</p> |
|------|---|

---

**Indicators**

|                |   |
|----------------|---|
| LED Indicators | <p>1 - White On: Power</p> <p>1 - Green On: Connected to Host</p> |
|----------------|---|

---

**Power**

|                |                     |
|----------------|---------------------|
| Power Source   | AC Adapter Included |
| Power Delivery | 100W                |
| 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   |
|                     | 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.***