

USB C Docking Station for MacBook Pro/Air-M1/M2/M3/M4, Thunderbolt Compatible, HDMI/DisplayPort, Dual 4K 60Hz/Single 8K, USB Type-C Laptop Dock, 96W Power Delivery, USB 10Gbps

Product ID: TB3CDK2DH



A high-performance Thunderbolt 3 Certified docking station with USB Type-C compatibility featuring dual monitor 4K 60Hz DSC support from either Dual DisplayPort or dual HDMI 2.0 video outputs, 96W Power Delivery (100W peak power), 5x USB 3.2 Hub with 2x BC 1.2 fast charging ports, gigabit Ethernet (PXE Boot/Wake-on-LAN) & headset ports.

This universal docking station features both dual DisplayPort 1.4 (Single 8K30 on HBR3 host) and dual HDMI video outputs that can be configured in three different ways:

Resolutions and video outputs are host-dependent.

Featuring an integrated USB 3.2 hub, this docking station has 5 downstream USB ports:

Front Facing:

- 1x USB 3.2 Gen 2 Type-C (10 Gbps) with 15W (3A, 5V) Charging
- 1x USB 3.2 Gen 2 Type-A (10 Gbps) with B.C. 1.2 Fast-Charging

Back Facing:

- 2x USB 3.2 Gen 1 Type-A (5 Gbps)
- 1x USB 3.2 Gen 2 Type-C (10 Gbps)

This universal Thunderbolt 3 / USB-C Dock has an automatic driver setup and includes a longer 0.8 meter (2.6 ft) Thunderbolt 3 host cable, front-facing TB3/USB-C host port, front-facing LED indicator, mounting holes for the optional bracket, k-slot for security lock & MAC address changer utility.

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:

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Certifications, Reports and Compatibility



Applications

Features

- **HIGH-PERFORMANCE DOCK:** Alternative to TB3DK2DPPDUE; Easy Driverless setup; Dual monitor 4K 60Hz; 5x USB Hub (2x fast charge ports) with 3x USB-A (1x 10Gbps USB 3.2/3.1 Gen 2) & 2x USB-C 10Gbps; Gigabit Ethernet (WoL/PXE), headset ports; 96W Power Delivery
- **FLEXIBLE MONITOR OUTPUTS:** Dual 4K 60Hz video output utilizing direct GPU performance with no software or compression; Use DP or HDMI monitors; Up to dual 4K 30Hz on USB-C (non TB3) laptops; Thunderbolt 3 Dock with 2x DP 1.4 & 2x HDMI 2.0 ports
- **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
- **96W POWER DELIVERY 3.0 CERTIFIED:** The port replicator includes a fully spec'd power adapter that provides full power to laptop and peripheral devices unlike consumer docks that use SMART power; The Dock can deliver up to 100W peak power (96W sustained)
- **DEVICE SECURITY:** Thunderbolt/USB-C dock Includes 2.6ft (0.8m) Thunderbolt 3 host cable; Mounting holes for

optional brackets (SSPMSVESA, SSPMSUDWM); K-Slot for security lock

General

UPC	065030881005
Package Quantity	1
Warranty	3 Years

Special Notes / Requirements

Special Notes	MacBook Air and MacBook Pro systems using the new Apple M1 chip support only a single external display over the Thunderbolt 3 ports, even when connected to a Thunderbolt 3 docking station with more than one video output. This single monitor limitation does not affect Intel-based Macs with Thunderbolt 3.
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Power

Power Source	AC Adapter Included
Power Delivery	96W
Input Voltage	110V-240V AC
Input Current	2.5A
Output Voltage	20V DC
Output Current	8.5
Plug Type	N

Physical & Environmental

Color	Black & Space Gray
Cable Length	3.1 in [80 mm]
Product Length	3.1 in [80.0 mm]
Product Width	8.7 in [220.0 mm]
Product Height	1.2 in [30.0 mm]
Weight of Product	8.8 oz [250.0 g]
Operating Temperature	0C to 35C
Storage Temperature	-20C to 70C

Humidity 0% to 95% (non-condensing) at 25C

Performance

Supported Charging Outputs	BC 1.2 (1.5A)
Type and Rate	Thunderbolt 3 (40Gbps)
	USB 10Gbps
	USB 5Gbps
	USB 3.0 (5Gbps)
PXE	Yes
Wake-On-LAN (WOL)	Yes
Maximum Digital Resolutions	Thunderbolt 3 Laptops Dual Monitors: 4096 x 2160 @60Hz
	Thunderbolt 3 Laptops Single Monitors: 7,680 x 4,320 @30Hz
	USB 3.1 Type C Laptops Dual Monitors: 4K (3840x2160) @60Hz
	USB 3.1 Type C Laptops Single Monitor: 5K (5120x2880) @60Hz (DP Only)

Hardware

Fast-Charge Port(s)	Yes
4K Support	Yes
Displays Supported	2
Number of Battery Charge 1.2 Ports	2
Audio	Yes
Interface	Thunderbolt 3
	USB 10Gbps
Bus Type	Thunderbolt 3
	USB 3.2 Gen 2 10Gbps
	USB-C

Compatible Lock Slot	Kensington Standard Slot (K-Slot)
Number of Displays	2
Chipset ID	C-Media - CM6533
	Genesys Logic - GL3590
	Genesys Logic - GL3523
	Realtek - RTD2186
	Titan Ridge - JHL7440
	Cypress - CCG5C
	Realtek - RTL8153

Packaging & In-the-Box

Included in Package	1 - Docking Station
	1 - Universal Power Adapter
	2 - Power Cords (NA/JP, ANZ)
	1 - Thunderbolt 3 Host Cable (80 cm)
	1 - User Manual
Package Width	6.4 in [163 mm]
Package Depth	12.1 in [307 mm]
Package Height	4.3 in [110 mm]
Shipping (Package) Weight	64.7 oz [1834 g]

Connector(s)

Host Connector 1 (Quantity)	1
Host Connector 1	USB-C (Thunderbolt 40Gbps)
Connector 1 (Quantity)	1
Connector 1	USB-C (10Gbps, 4.5W)
Connector 2 (Quantity)	1

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