

Thunderbolt 3 Dock w/ USB-C Host Compatibility - Dual 4K 60Hz DisplayPort 1.4 or Dual HDMI 2.0 Monitors - Single 8K - TB3/USB-C Laptop Docking Station - 96W PD, 5xUSB - 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:
www.StarTech.com/Connectivity-Tools

TB3CDK2DH is backed by a StarTech.com three-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

Features

- **HIGH-PERFORMANCE DOCK:** Alternative to TB3DK2DPPD; 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:** Compatible with Windows, macOS, ChromeOS & Ubuntu; Works with all USB-C and Thunderbolt 3/4 laptops; Extended dual displays on Apple M3 MacBook Air / Pro and M1 / M2 / M3 Max and Pro MacBooks; single Display on Apple M1 / M2 entry level MacBooks
- **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
- **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
4K Support	Yes
Fast-Charge Port(s)	Yes
Displays Supported	2
Audio	Yes
Interface	Thunderbolt 3
	USB 3.2 Gen 2 - 10 Gbit/s
Bus Type	Thunderbolt 3
	USB 3.2 Gen 2 10Gbps
	USB-C
Compatible Lock Slot	Kensington Standard Slot (K-Slot)
Chipset ID	C-Media - CM6533
	Genesys Logic - GL3590
	Genesys Logic - GL3523
	Realtek - RTD2186
	Titan Ridge - JHL7440
	Cypress - CCG5C
	Realtek - RTL8153

Performance

Wake On Lan	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)
Type and Rate	Thunderbolt 3 - 40 Gbit/s

		USB 3.2 Gen 2 - 10 Gbit/s
		USB 3.2 Gen 1 - 5 Gbit/s
		USB 3.0 - 5 Gbit/s
	Supported Charging Outputs	BC 1.2 (1.5A)
	PXE	Yes
Connector(s)		
	Internal Ports	1 - USB 3.2 USB Type C (10 pin, Gen 2, 10 Gbps) 1 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) 1 - 3.5 mm Audio 2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps) 1 - USB 3.2 USB Type C (10 pin, Gen 2, 10 Gbps) 2 - DisplayPort 2 - HDMI 1 - RJ-45
	Host Connectors	1 - Thunderbolt 3 USB-C (24-pin) (40Gbps)
Software		
	OS Compatibility	Windows 11, Windows 10, Windows 8, macOS Sonoma (14.0) macOS Ventura (13.0) macOS Monterey (12.0) macOS Big Sur (11.0) macOS Catalina (10.15), macOS Mojave (10.14), Ubuntu (18.04 and 20.04),
Special Notes / Requirements		
	Note	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.
Power		

Power Source	AC Adapter Included
Power Delivery	96W
Input Voltage	100 - 240 AC
Input Current	2.5A
Output Voltage	20V DC
Output Current	8.5A
Plug Type	N

Environmental

Operating Temperature	0C to 35C
Storage Temperature	-20C to 70C
Humidity	0% to 95% (non-condensing) at 25C

Physical Characteristics

Color	Black & Space Gray
Cable Length	31.5 in [80 cm]
Product Length	9.8 in [25.0 cm]
Product Width	3.1 in [8.0 cm]
Product Height	1.3 in [3.3 cm]
Weight of Product	1.5 lb [0.7 kg]

Packaging Information

Package Quantity	1
Package Length	6.3 in [16.0 cm]
Package Width	12.0 in [30.5 cm]
Package Height	4.2 in [10.7 cm]
Shipping (Package) Weight	4.0 lb [1.8 kg]

What's 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

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