Thunderbolt 3 Dock - Dual Monitor 4K 60Hz TB3 Laptop Docking Station with DisplayPort - PCIe M.2 NVMe SSD Enclosure - 85W Power Delivery - SD 4.0, 10Gbps USB-C, 2 USB-A Hub

Product ID: TB3DK2DPM2

This compact Thunderbolt 3 dock is built for productivity, transforming your Thunderbolt 3 laptop into a dual-4K workstation with up to 40Gbps of throughput. The high- performance dock features a PCIe M.2 SSD slot for enhanced data storage, three USB ports, an SD card reader, a Gigabit Ethernet port, a downstream Thunderbolt 3 port for daisy-chaining, plus 85W Power Delivery.

Great for Ultra HD tasks, the dual-4K docking station supports 4K resolution on two monitors:

• 1x DisplayPort + 1x Thunderbolt 3 USB-C display (4096 x 2160p @60Hz)

• USB-C to DP cable or USB-C video adapter may be required

• 1x 5K monitor at 60H

Simply connect the TB3 dock to your laptop with included TB3 cable and start working immediately. No time-consuming driver installations are required.

The Thunderbolt 3 dock's built-in PCIe M.2 SSD enclosure supports transfer speeds up to 1500MB/s with the addition of a PCIe M.2 SSD for ultra-fast data access, enhanced storage, and application buffering and caching.

Transfer photos or videos from your SD cards to your Thunderbolt 3 laptop. The dock's SD slot supports SD 4.0 and UHS-II with transfer speeds up to 270MB/s.

Connect peripherals with three USB ports - one USB-C port (10G) with up to 3A charging and two USB-A ports (5G) with Fast-Charge and Sync.

The GbE port (with PXE Boot and WoL support) provides reliable wired network access.

Using a single cable, the Thunderbolt 3 dock provides up to 85W of Power Delivery charging.

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.

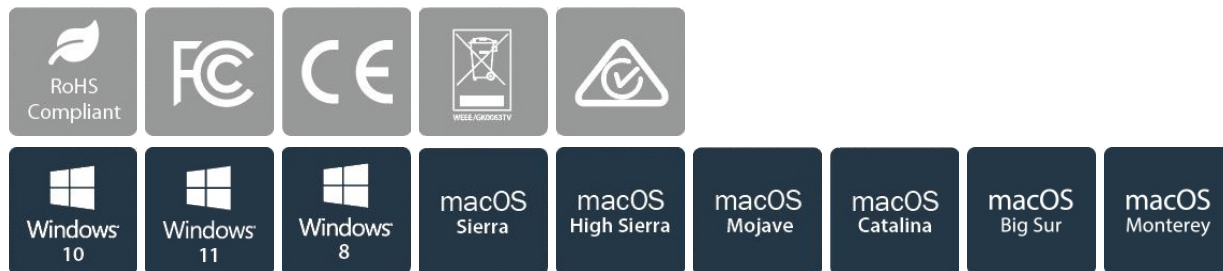Mac Address Pass-Through Utility: To improve network security.

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

The TAA compliant TB3DK2DPM2 is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Work with uncompressed, high-bandwidth and graphically intensive images and video

• Increase data storage with the dock's built-in PCIe M.2 (NVMe or AHCI) SSD enclosure

• Access camera and phone SD cards from your MacBook Pro or PC laptop through the dock

• Edit 4K video on one display, with a full-size preview on the second 4K display

Features

• LOCALIZED HIGH-PERFORMANCE STORAGE: Thunderbolt 3 dock has a PCIe NVMe M.2 SSD bay to store/back up files, SD/SDHC/SDXC 4.0 UHS-II card slot & USB-C 3.1 Gen 2 10Gbps port to connect an external drive

• DESIGNED FOR CONTENT CREATORS: The Thunderbolt 3 Dock features dual monitor 4K 60Hz or single 5K 60Hz via DisplayPort & downstream TB3/USB-C port, SD, 1x USB-C & 2x USB-A Hub, Gigabit Ethernet & audio

• 85W POWER DELIVERY: Thunderbolt 3 docking station with charging to power & charge workstation laptops like MacBook Pro 13/15/16, HP EliteBook, Lenovo ThinkPad, Dell XPS using macOS and Windows

• FLEXIBLE THUNDERBOLT 3 PORT: Thunderbolt 3 docking station's downstream TB3 port supports 15W & three modes of operation: a second display, daisy chain TB3 peripherals, or connects USB-C accessories

• EASY TO USE: Thunderbolt 3 dock w/ auto drivers; incl. TB3 host cable, front facing ports, USB-A & USB-C BC 1.2 Fast Charge, & Audio; supports extended dual display support on MacBook Pro/Air with Intel processor & single display with Apple M1 Chip

• 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

Hardware

	Warranty	3 Years
	4K Support	Yes
	Fast-Charge Port(s)	Yes
	Displays Supported	2
	Bus Type	Thunderbolt 3
	Industry Standards	Thunderbolt 3
		USB Battery Charging Specification Rev. 1.2
		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
		USB 3.0 - Backward compatible with USB 2.0 and 1.1
	Chipset ID	Intel - Alpine Ridge DP
		ASMedia ASM1142
		Realtek RTS5411
		Realtek RTS5329
		C-Media - CM6533
		Intel i210AT

Performance

	Maximum Data Transfer Rate	40 Gbps (Thunderbolt 3)
		10 Gbps (USB 3.1 Gen 2)
		5 Gbps (USB 3.0)
		2 Gbps (Ethernet; Full-Duplex)
	Maximum Digital Resolutions	Dual 4K displays - DisplayPort and Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p at 60Hz
		Single 4K display - DisplayPort or Thunderbolt 3 USB-C - 4096 x 2160p / 3840 x 2160p at 60Hz

Single 5K (5120 x 2880p) display (through Thunderbolt 3 USB-C port)

Type and Rate	Thunderbolt 3 - 40 Gbit/s
UASP Support	Yes
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)

Connector Type(s)	2 - Thunderbolt 3 USB-C (24-pin) (40Gbps)
	1 - DisplayPort (20 pin)
	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
	1 - SD Slot
	1 - M.2 (NVMe, M-Key, PCIe x4)
	1 - USB Type-A (9 pin, 5 Gbps)
	1 - RJ-45
	1 - 3.5 mm Mini-Jack (3 Position)
	1 - 3.5 mm Audio

Software

	OS Compatibility	Windows 8, 8.1, 10, 11<br / >macOS 10.12 - 10.15, 11.0, 12.0, 13.0

Special Notes / Requirements

	System and Cable Requirements	Thunderbolt 3 equipped computer with a Thunderbolt 3 port.
		Your laptop's Thunderbolt 3 port must support USB Power Delivery 2.0 in order to power and charge your laptop.
	Note	A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K).
		When connecting a display to one of the Thunderbolt 3 USB-C ports, a USB-C video adapter might be required depending on the input of your display.
		USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps. USB 3.1 Gen 2 offers speeds up to 10Gbps.
		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	85W
	Input Voltage	100 - 240 AC
	Input Current	2.5 A
	Output Voltage	20V DC
	Output Current	7.5 A
	Center Tip Polarity	Positive
	Plug Type	N
	Power Consumption (In Watts)	170

Environmental

	Operating Temperature	5C to 35C (41F to 95F)
	Storage Temperature	-20C to 50C (-4F to 122F)

	Humidity	20~80% RH
Physical Characteristics		
	Color	Black
	Material	Aluminum
	Cable Length	19.7 in [500 mm]
	Product Length	3.7 in [9.5 cm]
	Product Width	9.4 in [23.9 cm]
	Product Height	1.0 in [2.5 cm]
	Weight of Product	1.7 lb [0.8 kg]
Packaging Information		
	Package Quantity	1
	Package Length	11.3 in [28.8 cm]
	Package Width	5.4 in [13.8 cm]
	Package Height	4.9 in [12.5 cm]
	Shipping (Package) Weight	3.1 lb [1.4 kg]
What's in the Box		
	Included in Package	1 - docking station
		1 - Thunderbolt 3 cable
		1 - universal power adapter
		4 - power cords (NA/JP, EU, UK, ANZ)
		1 - instruction manual

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