

# Dual 4K 60Hz Monitor Thunderbolt™ 3 Dock - PCIe M.2 Slot and SD Reader

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.

## Create a Dual-4K 60Hz Workstation

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

## Easy Installation & Deployment

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

## Add Data Storage

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.

## Fast SD Card Access

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 Your Devices

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.

## 85W Power Delivery

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

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

- Connect dual UHD 4K 60Hz monitors: DisplayPort and Thunderbolt 3 USB-C (may require adapter)
- Easy to set up and ready to go with no driver installation required
- Connect USB devices with 3x USB ports - 1x USB-C (10Gbps) with 3A charging and 2x USB-A (5Gbps) ports with Fast-Charge
- Install a PCIe M.2 SSD (NVMe and AHCI 80 mm drive size) directly into the dock's M.2 slot
- SD card reader (and microSD with adapter) supports SD 4.0 and UHS-II
- Power and charge your laptop with Power Delivery 2.0 (up to 85W)

<b>Hardware</b>	Warranty	3 Years
	4K Support	Yes
	Bus Type	Thunderbolt 3
	Chipset ID	Intel - Alpine Ridge DP ASMedia ASM1142 Realtek RTS5411 Realtek RTS5329 C-Media - CM6533 Intel i210AT
	Displays Supported	2
	Fast-Charge Port(s)	Yes
	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
	<b>Performance</b>	
Auto MDIX	Yes	
Compatible Networks	10/100/1000 Mbps	
Full Duplex Support	Yes	
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)	
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)	
PXE	Yes	
Type and Rate	Thunderbolt 3 - 40 Gbit/s	
UASP Support	Yes	

<b>Connector(s)</b>	Connector Type(s)	<p>2 - Thunderbolt™ 3 USB-C (24-pin) (40Gbps) Female</p> <p>1 - DisplayPort (20 pin) Female</p> <p>1 - USB Type-C (24 pin) USB 3.0 (5Gbps) Female</p> <p>1 - SD Slot Female</p> <p>1 - M.2 (NVMe, M-Key, PCIe x4) Female</p> <p>1 - USB 3.0 A (Fast-Charge, 9 pin) Female</p> <p>1 - USB Type-A (9 pin) USB 3.0 Female</p> <p>1 - RJ-45 Female</p> <p>1 - 3.5 mm Mini-Jack (3 Position) Female</p> <p>1 - 3.5 mm Audio Female</p>
<b>Software</b>	OS Compatibility	<p>Windows® 8, 8.1, 10</p> <p>macOS 10.12 - 10.14</p>
<b>Special Notes / Requirements</b>	<b>Note</b>	<p>A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K).</p> <p>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.</p> <p>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.</p> <p>System and Cable Requirements</p> <p>Thunderbolt 3 equipped computer with a Thunderbolt 3 port.</p> <p>Your laptop's Thunderbolt 3 port must support USB Power Delivery 2.0 in order to power and charge your laptop.</p>
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	2.5 A
	Input Voltage	100 - 240 AC
	Output Current	7.5 A
	Output Voltage	20V DC
	Plug Type	N
	Power Consumption (In Watts)	170
	Power Delivery	85W
	Power Source	AC Adapter Included
<b>Environmental</b>	Humidity	20~80% RH
	Operating Temperature	5°C to 35°C (41°F to 95°F)

	Storage Temperature	-20°C to 50°C (-4°F to 122°F)
<b>Physical Characteristics</b>	Cable Length	19.7 in [500 mm]
	Color	Black
	Enclosure Type	Aluminum
	Product Height	1 in [2.5 cm]
	Product Length	3.7 in [95 mm]
	Product Width	9.4 in [23.9 cm]
	Weight of Product	27.5 oz [780 g]
<b>Packaging Information</b>	Package Height	4.9 in [12.5 cm]
	Package Length	11.3 in [28.8 cm]
	Package Width	5.4 in [13.8 cm]
	Shipping (Package) Weight	3.1 lb [1.4 kg]
<b>What's in the Box</b>	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.