

Thunderbolt 2 4K Docking Station for Laptops - Includes TB Cable

Product ID: TB2DOCK4KDHC



The TB2DOCK4KDHC Thunderbolt 2 Docking Station lets you connect up to 11 devices to your MacBook or laptop, so you can create a convenient, 4K Ultra HD workstation. Laptops often lack the connection ports you'll need to maximize productivity, while many docking stations only offer basic port interfaces. With more connection ports than most docking stations, now you can vastly expand your connectivity while taking advantage of Thunderbolt 2 possibilities.

Delivering unparalleled speed and unprecedented display technology, the TB2DOCK4KDHC offers the ultimate in workstation convenience and is one of the first Thunderbolt 2 docking stations available.

Thunderbolt 2 redefines efficiency with dependable, lightning-fast performance. With up to 20 Gbps data throughput, this convenient laptop docking station helps you avoid the nuisance of bandwidth bottlenecks when connecting multiple displays and peripherals to your MacBook. Thunderbolt 2 merges two 10 Gbps channels, delivering speeds that are twice as fast as Thunderbolt 1, and 4x faster than USB 3.0, for unparalleled device performance.

With virtually no throughput restrictions, this versatile docking station gives you essential connection ports as well as interfaces other Thunderbolt 2 docks don't offer, such as USB 3.0 fast-charge, eSATA and SPDIF 5.1 digital optical audio ports. The TB2DOCK4KDHC lets you use your peripherals at higher speeds, saving you time so you can get your work done faster.

Discover 4K Ultra HD for an unprecedented visual experience! The dock delivers brilliant text and image quality at 4K resolution (3840 x 2160p) to your HDMI, DisplayPort, or Thunderbolt monitor (4K resolution at 60Hz is supported when connected to a single Thunderbolt display). Plus, you're set for the future popularity of 4K sources and displays.

For the improved productivity of a dual monitor setup, the dock can connect to an HDMI and a Thunderbolt display, with 4K resolution on a single display.

You can even connect multiple displays via Thunderbolt daisy chain, giving you two convenient possibilities for expanding your overall screen real estate!

For a convenient workstation experience, you can eliminate hassle and save time by leaving your vital peripherals connected to the dock. You can easily create a dynamic, full-sized workstation in seconds using the included Thunderbolt cable. Plus, you can fast-charge your tablet or smartphone with or without your laptop connected to the dock, through a handy, always-on USB fast-charge port.

This Thunderbolt dock lets you hurdle connection limitations by adding several essential ports to your MacBook Pro or MacBook Air, such as multiple storage peripherals through eSATA (with port multiplier support) and USB 3.0 hub ports. Unlike other Thunderbolt docking stations, the TB2DOCK4KDHC offers an SPDIF port so you can take advantage of your laptop or MacBook 5.1 digital optical audio capabilities. Plus, for maximum connectivity you can daisy chain up to 6 Thunderbolt devices.

Unlike some proprietary docking stations designed only to work with specific laptop models, this universal Thunderbolt 2 laptop dock works with multiple brands. All you need is your laptop or MacBook Thunderbolt 2 port and you can be up and running quickly. With universal support, you can use this dock with different laptops.

Backed by a StarTech.com 3-year warranty and free lifetime technical support, this durable Thunderbolt 2 dock also features an aluminum outer frame and stylish silver sandblast finish that matches your MacBook nicely!

Certifications, Reports and Compatibility



Applications

- Expand your MacBook display capabilities by connecting a single 4K monitor, projector, or HDTV, with higher resolutions and superior image quality
- Ideal for professionals who work with highly detailed graphics, including graphic and web designers, animators, or engineers (CAD)
- Connect a 4K-capable touch screen for smooth, and precise touch-recognition
- Perfect for resource-intensive software applications such as video and photo editing
- Expand your laptop connectivity at home or in the office by connecting multiple monitors and a wide variety of peripherals through a single Thunderbolt connection
- High-end audio applications ranging from sound studios to music enthusiasts, with 5.1 SPDIF digital optical audio output and line input
- Connect high-bandwidth external storage devices, including Thunderbolt 2, eSATA, and USB 3.0 HDD enclosures

Features

- Unparalleled performance with support for Thunderbolt 2 data rates up to 20 Gbps
- Vivid 4K image quality, with support for 3840 x 2160p Ultra HD resolutions, including 4K at 60Hz when using a Thunderbolt display
- Connect dual displays with HDMI and Thunderbolt monitors, with 4K on one display
- Easy-access USB 3.0 fast-charge and sync port, able to charge a device without a host connection
- SPDIF 5.1 digital optical audio output, line input, 3.5mm 4-position TRRS headset port (audio/microphone)
- eSATA port with support for port multiplier up to four drives, for high-speed external storage devices
- 4x total USB 3.0 downstream ports with UASP support (1x front port USB Battery Charging Specification 1.2 compliant, and 3x rear ports)
- Gigabit Ethernet RJ45 Port with Wake-on-LAN (WOL) support

- Daisy-chainable for up to 6 Thunderbolt devices
- Matte silver sandblast finish, matching Apple MacBooks
- Durable housing with aluminum outer frame
- Integrated security lock
- Includes 1m Thunderbolt cable
- DisplayPort 1.2 support
- Universal compatibility, works with virtually all Thunderbolt 2 equipped laptop brands

Hardware	Warranty	3 Years
	4K Support	Yes
	Fast-Charge Port(s)	Yes
	Displays Supported	1
	Bus Type	Thunderbolt 2
	Industry Standards	Thunderbolt 2 - Backward compatible with Thunderbolt 1
	Chipset ID	USB Battery Charging Specification Rev. 1.2
		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
		USB 3.0 - Backward compatible with USB 2.0/1.1
		Intel - Falcon Ridge DSL5520
	Fresco - FL1100EX	
	ASMedia - ASM1061	
	C-Media - CM6500	
	Texas Instruments - PCM2912A	
	Intel - WGI210AT	
Performance	Maximum Data Transfer Rate	20 Gbps (Thunderbolt 2)
		5 Gbps (USB 3.0)
	Maximum Digital Resolutions	6 Gbps (eSATA)
	Type and Rate	2 Gbps (Ethernet; Full-Duplex)
	UASP Support	Single Display
	Port Multiplier	HDMI Display: 3840x2160@30Hz
	Number of Ports That Support Port Multiplier	mDP or Thunderbolt Display: 3840x2160@60Hz
		Dual Displays
Number of Drives Supported Through Port Multiplier	HDMI and Thunderbolt Displays: 3840x2160 (HDMI) and 3440x1440 (Thunderbolt)	
Compatible Networks	Thunderbolt Daisy Chain: 3840x2160 (mDP / DP) and 2560x1440 (Thunderbolt)	

Auto MDIX

Full Duplex Support

Note: Depending on the configuration and the supported resolutions of your connected monitors, the docking station may support video resolutions lower than those specified above.

Thunderbolt 2 - 20 Gbit/s

Yes

Yes

1

1 to 4

10/100/1000 Mbps

Yes

Yes

Connector(s)	Connector Type(s)	Thunderbolt 2 (20 pin)
	Connector Type(s)	HDMI (19 pin)
	Connector Type(s)	eSATA (7 pin, Data)
	Connector Type(s)	Toslink (SPDIF, Optical)
	Connector Type(s)	USB 3.0 A (Fast-Charge, 9 pin)
	Connector Type(s)	USB Type-A (9 pin) USB 3.0 (5 Gbps)
	Connector Type(s)	3.5 mm Mini-Jack (4 Position)
	Connector Type(s)	3.5 mm Mini-Jack (3 Position)
	Connector Type(s)	RJ-45
	Connector Type(s)	Security Lock Slot

Software	OS Compatibility	Windows 7, 8, 8.1, 10
		Mac OS 10.9 to 10.15

Special Notes / Requirements	System and Cable Requirements	Available Thunderbolt 2 interface
	System and Cable Requirements	Port multiplier support: The docking station's eSATA port is natively supported in both Windows and Mac operating systems. However, port multiplier is only natively supported in Mac OS. Install the ASMedia-ASM1061 driver to enable support for port multiplier in Windows OS.
	Note	
	Note	If connected to a Thunderbolt 1 host port, performance may be limited
	Note	A 4K-capable display is required to achieve 4Kx2K resolutions

Dual display configuration is available when connected to an HDMI + Thunderbolt display only

Indicators	LED Indicators	Link (Green)
	LED Indicators	Activity (Yellow)
Power	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	2 A
	Output Voltage	12V DC
	Output Current	5 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	60
Environmental	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-20C to 70C (-4F to 158F)
	Humidity	0~90% RH
Physical Characteristics	Color	Silver
	Material	Aluminum and Plastic
	Product Length	9.2 in [2.3 cm]
	Product Width	3.2 in [82 mm]
	Product Height	1.5 in [38 mm]
	Weight of Product	20.5 oz [580 g]
Packaging Information	Package Length	7.2 in [1.8 cm]
	Package Width	10.7 in [2.7 cm]
	Package Height	5.0 in [1.3 cm]
	Shipping (Package) Weight	3.8 lb [1.7 kg]
What's in the Box	Included in Package	Thunderbolt 2 4K Laptop Docking Station
	Included in Package	1m Thunderbolt Cable
	Included in Package	Universal Power Adapter
	Included in Package	Instruction Manual

Included in Package

Power Cords (NA/JP, UK, EU, ANZ)

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

