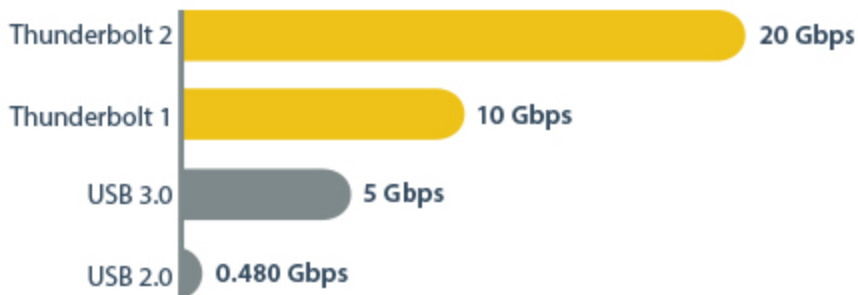The TB2DOCK4KDHC Thunderbolt 2 Docking Station lets you connect up to 11 devices to your MacBook or laptop, so you can create a convenient, 4K Ultra HD workstation. Laptops often lack the connection ports you'll need to maximize productivity, while many docking stations only offer basic port interfaces.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

Unparalleled Thunderbolt 2 Performance

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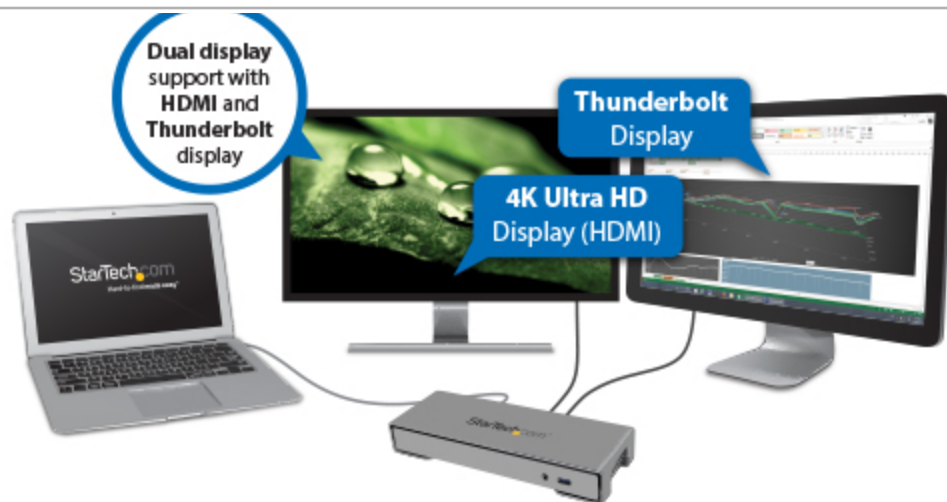
With virtually no throughput restrictions, this versatile docking station gives you essential connection ports as well as interfaces other Thunderbolt 2 docks don't offer, such as USB 3.0 fast-charge, eSATA and digital audio ports. The TB2DOCK4KDHC lets you use your peripherals at higher speeds, saving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

Thunderbolt 2	20 Gbps
Thunderbolt 1	10 Gbps
USB 3.0	5 Gbps
USB 2.0	0.480 Gbps

Unprecedented Display Technology

Discover 4K Ultra HD (UHD), for an unprecedented visual experience! The TB2DOCK4KDHC delivers brilliant text and

overall productivity. The dock offers dual monitor support when connected to an HDMI + Thunderbolt display.

Video Output Configuration	Single Display	Dual Displays
HDMI and Thunderbolt (w/ **up to 4K on HDMI**)	✓	✓
HDMI or Mini DisplayPort (up to 4K to a single display)	✓	✗
Thunderbolt Display Daisy Chain	✓	✓

Ultimate Workstation Convenience

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 and USB 3.0 hub ports. Unlike other Thunderbolt docking stations, the TB2DOCK4KDHC offers an SPDIF port so you can take advantage of your MacBook 5.1 digital audio capabilities. Plus, for maximum connectivity you can daisy chain up to 6 Thunderbolt devices.

Backed by a StarTech.com 2-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!

View more **Thunderbolt Products**

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 storage applications, including high-resolution video editing and photography
- 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 SPDIF digital audio output and line input

Features

- Unparalleled performance with support for Thunderbolt 2 data rates up to 20 Gbps
- 4K video output to a single HDMI or DP display, with support for 3840 x 2160p Ultra HD resolutions
- Dual video support when connected to an HDMI and Thunderbolt display (including a 4K HDMI display)
- Easy-access USB 3.0 fast-charge and sync port, able to charge a device without a host connection
- SPDIF digital audio output, line input, 3.5mm 4-Position TRRS Headset port (Audio/Microphone)
- eSATA port 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
- DisplayPort 1.2 support
- Durable housing with aluminum outer frame
- Integrated security lock
- Includes 1m Thunderbolt cable

Industry Standards	Thunderbolt 2 - Backward compatible with Thunderbolt 1
	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
Chipset ID	Intel - Falcon Ridge DSL5520 (Thunderbolt)
	ASMedia - ASM1042A (USB 3.0 w/ Charge)
	ASMedia - ASM1061 (eSATA)
	CMedia - CM6500 (Digital Audio)
	Texas Instruments - PCM2912A (Audio)
	Intel – WGI210AT (LAN)
Connector Type(s)	2 - Thunderbolt™ 2 (20-pin) Female
Connector Type(s)	1 - HDMI (19 pin) Female
Connector Type(s)	1 - USB 3.0 A (Fast-Charge; 9 pin; SuperSpeed) Female
Connector Type(s)	3 - USB 3.0 A (9 pin; SuperSpeed) Female
Connector Type(s)	1 - eSATA (7 pin; Data) Female
Connector Type(s)	1 - Toslink (SPDIF; Optical) Female
Connector Type(s)	1 - 3.5 mm Mini-Jack (4 Position) Female
Connector Type(s)	1 - 3.5 mm Mini-Jack (3 Position) Female
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - Security Lock Slot Female
Maximum Data Transfer Rate	20 Gbps (Thunderbolt 2)
	5 Gbps (USB 3.0)
	6 Gbps (eSATA)
	2 Gbps (Ethernet; Full-Duplex)
Maximum Digital Resolutions	Single Display - HDMI or mDP only: 3840 x 2160
	Dual Display - HDMI + Thunderbolt only: 3840 x 2160 (HDMI) + 2560 x 2160 (Thunderbolt)
Type and Rate	Thunderbolt 2 - 20 Gbit/s
UASP Support	Yes
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64)
	Mac OS® 10.9 and up (Tested up to 10.10)
System and Cable Requirements	Available Thunderbolt 2 interface
Note	Dual display configuration is available when connected to an HDMI + Thunderbolt display only
Note	A 4K-capable display is required to achieve 4Kx2K resolutions
Note	If connected to a Thunderbolt 1 host port, performance may be limite
Color	Silver

Product Weight	16.6 oz [470 g]

Input Current	2.0 A
Output Voltage	12 DC
Output Current	5.0 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption	60 W Max
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	0~90% RH
Shipping (Package) Weight	3.1 lb [1.4 kg]
Included in Package	1 - Thunderbolt 2 4K Laptop Docking Station
Included in Package	1 - 1m Thunderbolt Cable
Included in Package	1 - Universal Power Adapter
Included in Package	3 - Power Cords (NA/UK/EU)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

works with
Mac OS X
Mavericks

RoHS Compliant
Available

works with
Windows 7