

Thunderbolt 3 to Dual HDMI 2.0 Adapter - 4K 60Hz - Thunderbolt 3 Certified - Dual Monitor HDMI Video Converter Adapter - Mac & Windows compatible - Dual 4K Display HDMI

Product ID: TB32HD24K60



This high-performance Thunderbolt 3 adapter lets you add two 4K 60Hz HDMI monitors to your Windows or Mac computer through a single Thunderbolt 3 port.

The Thunderbolt video adapter is compatible with computer systems that support Thunderbolt 3, such as models of MacBook Pro, Dell Precision and Dell XPS. Thunderbolt 3 is a protocol that uses the USB-C connector, but your computer system must support Thunderbolt 3 in order for the adapter to function as expected. If you connect the adapter to a USB-C port that does not support Thunderbolt 3, the adapter will not function.

With an unprecedented 40Gbps of throughput, Thunderbolt 3 enables you to achieve the previously impossible feat of using a single port on your laptop to output dual 4K resolution at 60Hz to two independent displays. This performance lets you run the most resource-demanding applications imaginable. You can output independent content to each display at resolutions of up to 4096 x 2160p (60Hz), which is perfect for editing 4K video or performing other Ultra HD tasks such as creating CAD drawings or reviewing medical imagery.

Functioning as an external 2-port graphics adapter with audio support, this is a compact and convenient alternative to a laptop dock when you don't need full docking capability.

With two UHD 4K displays, you can work more efficiently from your laptop, so you can accomplish more in the same amount of time. With each display delivering 4K performance, you can have four times the screen space compared to 1080p. Creative professionals can be more productive with the freedom to edit 4K video on one display while previewing raw video playback on the second 4K display.

This adapter helps to keep your system running at peak performance. Unlike USB external video solutions, Thunderbolt 3 lets you run Ultra HD 4K resolution at 60Hz on both displays without draining system resources.

Because it's backward compatible with your high-definition 1080p displays, this is a great accessory for home, office or other desktop workspace applications.

The TB32HD24K60 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Your computer's Thunderbolt 3 ports might not function properly until you update one or more of the following on your computer:

- BIOS
- Thunderbolt firmware
- Thunderbolt 3 controller drivers
- Thunderbolt 3 software

The required updates will vary depending on your computer.

For an up-to-date list of affected computers and instructions, visit <http://thunderbolttechnology.net/updates>. If your manufacturer isn't listed on the Thunderbolt website, contact your manufacturer.

Note: In order to connect to two displays at 4K 60Hz, your computer system must have a fully enabled Thunderbolt 3 port that supports up to 40Gbps or the host must support dual displays over Thunderbolt 3.

Certifications, Reports and Compatibility

Applications

- Connect your computer to two 4K monitors
- Design high-resolution, graphic-intensive content, such as CAD drawings and Photoshop graphic images
- Create and edit 4K video while using resource intensive software
- Multitask by previewing your raw output content on a second 4K display
- Connect to different systems with 4K or 1080p displays for hot desking in BYOD office applications
- Use one screen for referencing data such as websites, while composing 4K content on your other screen
- Span a spreadsheet or worksheet across multiple displays to avoid side-scrolling
- Access panoramic views that are built into software applications, while viewing helpful tutorial content on your laptop monitor
- Connect your MacBook Pro, Dell XPS or Dell Precision to two external DP monitors

Features

- **HIGH PERFORMANCE:** Thunderbolt 3 (40Gbps) to Dual HDMI 2.0 4K 60Hz (4096x2160) Monitor Adapter 7.1ch Audio HDCP 2.2/1.4 TB3 Certified High Frame Rates Uncompressed Dual 4K 60Hz
- **DUAL 4K 60HZ SUPPORT:** Using a single Thunderbolt 3 USB Type-C port, this bus-powered dual monitor adapter supports resolutions up to 4K 60Hz on both screens and is backward compatible w/ 1440p & 1080p

- **HOST COMPATIBILITY:** Supports TB3 devices incl. MacBook Pro & MacBook Air (extended dual displays on Mac w/ Intel processor; dual display not compatible w/ Apple M1 chip), Lenovo X1 Carbon, ThinkPad & Yoga, Dell XPS, Latitude & Precision, HP EliteBook
- **DISPLAY COMPATIBILITY:** Video converter tested w/ 4K (UHD) & 1080p (FHD) displays incl brands LG, Samsung, Sony, Dell, ASUS, ACER, BenQ; great for content creation, imaging, & labs w/ high-res monitors
- **EASY TO USE:** Driverless setup & compatible w/ macOS & Windows (some Windows PCs may not support dual video output w/ TB3); designed w/ a compact aluminum housing and 10in/25cm cable

Hardware

Warranty	2 Years
Active or Passive Adapter	Active
AV Input	Thunderbolt 3 USB-C (24-pin) (40Gbps)
AV Output	HDMI
Audio	Yes

Performance

Maximum Data Transfer Rate	40 Gbps
Maximum Analog Resolutions	4K
Maximum Digital Resolutions	Dual monitor: 4K @ 60 Hz
Supported Resolutions	4096x2160
	3840x2160
	2560x1600
	1920x1200
	1920x1080
	1280x720

Connector(s)

Connector A	Thunderbolt 3 USB-C (24-pin) (40Gbps)
Connector B	HDMI (19 pin)



Software

OS Compatibility	Microsoft Windows 8, 8.1, 10 macOS 10.12 - 10.15, 11.0
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Special Notes / Requirements

Note	The adapter will only function when connected to the Thunderbolt 3 port of your computer. If the port is a USB-C port that does not support Thunderbolt 3 the adapter will not function.
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Physical Characteristics

Color	Silver
Cable Length	11.2 in [28.4 cm]
Product Length	4.5 in [11.4 cm]
Product Width	2.4 in [60 mm]
Product Height	0.4 in [10 mm]
Weight of Product	3.6 oz [103 g]

Packaging Information

Package Length	8.3 in [21 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.6 in [40 mm]
Shipping (Package) Weight	7.9 oz [224 g]

What's in the Box

Included in Package	Thunderbolt 3 to dual HDMI adapter
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****Product appearance and specifications are subject to change without notice.***

