

Thunderbolt 3 to Dual DisplayPort Adapter 4K 60Hz - Thunderbolt 3 Certified - Dual Monitor  
DisplayPort 1.2 Video Converter - Mac & Windows Compatible - Dual 4K DisplayPort

**Product ID:** TB32DP2T



This high-performance Thunderbolt 3 adapter lets you add two 4K 60Hz DisplayPort monitors to your Windows or Mac computer through a single Thunderbolt 3 port, or it can be used to connect your Thunderbolt 3 port to a 5K 60Hz display using two DP cables.

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 enables you to run the most resource-demanding applications imaginable on two independent displays. 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.

For added versatility, the Thunderbolt 3 adapter can be used to connect two DisplayPort channels to a single 5K display. Using a Thunderbolt 3 adapter is the only way to connect a 5K display to computers that don't have multiple DP or Thunderbolt 3 ports, such as your Dell Precision 15 3000 Series workstation.

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. Plus, 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 TB32DP2T 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.

Notes:

If you're using a video adapter to connect this device to a monitor other than DisplayPort, such as HDMI or VGA, an active video adapter is required.

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
- Use your Thunderbolt 3 computer to connect to a 5K display
- 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 reference 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 DisplayPort 1.2 uncompressed 4K 60Hz (4096x2160) Adapter Or Single 5K 60Hz 7.1 Audio HDCP 2.2/1.4 TB3 Certified High Frame Rates 10" Cable
- **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/Air (extended dual displays on Mac systems w/ Intel processor & single display w/ Apple M1 chip), Lenovo ThinkPad X1 Carbon/T Series, Dell XPS/Latitude/Precision, HP EliteBook/Zbook
- **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
- **ACTIVE CONVERSION:** Thunderbolt 3 to DP display adapter with aluminum housing is compatible w/ DisplayPort cables & adapters that convert DisplayPort to HDMI, DVI or VGA monitor, projector or HDTV. Please note that an active video adapter is required

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### Hardware

Warranty	2 Years
Active or Passive Adapter	Active
AV Input	Thunderbolt 3 USB-C (24-pin) (40Gbps)
AV Output	DisplayPort
Audio	Yes
Chipset ID	Intel JHL6540
	PD TI TPS65983

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### Performance

Maximum Data Transfer Rate	40 Gbps
Maximum Digital Resolutions	Dual monitor: 4K @ 60 Hz
Supported Resolutions	4096x2160
	3840x2160
	2560x1600



1920x1200

1920x1080

1280x720

Note: The adapter can support 51202880 (5K) when both DP outputs are connected to a single monitor that supports 5K.

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#### Connector(s)

Connector A	Thunderbolt 3 USB-C (24-pin) (40Gbps)
Connector B	DisplayPort (20 pin)

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#### Software

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

Note	<p>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.</p> <p>MacBook Air, MacBook Pro and Mac Mini 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 adapter with more than one video output. This limitation also applies to using multiple Thunderbolt or Type C display adapters on both Type C ports.</p>
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#### Physical Characteristics

Color	Silver
Cable Length	11.8 in [30 cm]
Product Length	4.3 in [11 cm]
Product Width	2.4 in [60 mm]
Product Height	0.6 in [15 mm]
Weight of Product	3.3 oz [93 g]

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#### Packaging Information

Package Length	8.3 in [21.2 cm]
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Package Width	5.7 in [14.5 cm]
Package Height	1.6 in [40 mm]
Shipping (Package) Weight	7.8 oz [221 g]

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**What's in the Box**

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

