

Thunderbolt 3 to Dual DisplayPort Adapter - 4k 60 Hz

StarTech ID: TB32DP2



This high-performance Thunderbolt™ 3 adapter lets you add two 4K 60 Hz DisplayPort monitors to a computer through a single Thunderbolt 3 port (USB-C™), or it can be used to connect your Thunderbolt 3 port to a 5K 60 Hz display using two DP cables. The Thunderbolt video adapter is compatible with computer systems that support Thunderbolt 3, such as models of Dell™ Precision and Dell XPS.



Connect two UHD 4K displays to your computer at 60Hz resolution



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.

Connect a 5K display to your computer at 60 Hz resolution



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.

Supports dual 4K displays to work more efficiently

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.

Won't drain system resources

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 TB32DP2 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: 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.

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 BOYD 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
- Use your Thunderbolt 3 computer to connect to a 5K display
- Access panoramic views that are built into software applications, while viewing helpful tutorial content on your laptop monitor
- Connect your Dell XPS or Dell Precision to two external DP monitors

Features

- Connect two UHD 4K 60 Hz displays to your computer through a single Thunderbolt 3 portWork more efficiently from your laptop by multitasking on two 4K displays
- Add a 5K 60 Hz display to your computer by connecting two DP cables to a single Thunderbolt 3 port
- Thunderbolt Certified
- Run resource demanding applications on 4K displays at 60 Hz without draining system resources
- Backward compatible with lower resolutions like high-definition 1920x1200 and 1080p
- No external power adapter required

Technical Specifications

Warranty	2 Years
Audio	Yes
Output Signal	DisplayPort
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 5120×2880 (5K) when both DP outputs are connected to single monitor that supports 5K

Connector A	1 - Thunderbolt™ 3 USB-C (24-pin) Male Input
Connector B	2 - DisplayPort (20 pin) Latching Female Output
Product Height	1 in [26 mm]
Product Length	8.7 in [220 mm]
Product Weight	17.6 oz [500 g]
Product Width	3.1 in [80 mm]
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - Thunderbolt 3 to dual DP adapter
Type and Rate	Thunderbolt 3 - 40 Gbit/s

Certifications, Reports and Compatibility

