

6ft/1.8m USB C to DisplayPort 1.4 Cable - 4K/5K/8K USB Type-C to DP 1.4 Alt Mode Video Adapter Converter - HBR3/HDR/DSC - 8K 60Hz DP Monitor Cable for USB-C/Thunderbolt 3

Product ID: CDP2DP146B



This USB-C to DisplayPort 1.4 cable lets you connect your USB Type-C device to a DisplayPort monitor with just one cable, providing you with a convenient, clutter-free solution.

Incredible Picture Quality

Supporting four times the resolution of 4K, this 8K DP 1.4 adapter cable delivers the stunning quality of UHD at resolutions up to 7680×4320, and also features HBR3 functionality, providing a bandwidth of up to 32.4Gbps.

With cutting-edge picture quality, this cable is ideal for:

- Displaying crisp digital signage walls
- Creating eye-catching visuals for photography and videography

The USB-C to DP cable is backward compatible with 4K and 1080p displays, which makes it a great accessory for home, office or other work environments, while future-proofing for 8K implementation.

| Resolution | Frequency | Support without DSC | Support with DSC | HDR10 without DSC | HDR10 with |
|----------------------|-----------|---------------------|------------------|-------------------|------------|
| 1080p (1920x1080) | 60 | P | P | P | P |
| | 120 | P | P | P | P |
| | 240 | P | P | P | P |
| 4K (3840x2160) | 60 | P | P | P | P |
| | 120 | P | P | O | P |
| | 240 | O | P | O | P |
| 8K (7680x4320) | 30 | P | P | O | P |
| | 60 | O | P | O | P |
| | 120 | O | O | O | O |

Clutter-Free Installation

At 6 ft. (1.8 m) in length, this DisplayPort adapter cable delivers a direct connection that eliminates excess cabling, ensuring a tidy installation. For installations requiring a shorter length, we also offer a [3.3 ft. \(1 m\) DisplayPort cable](#), enabling you to customize your connection needs.

Hassle-Free Setup

To ensure easy operation, this DisplayPort converter cable supports plug-and-play installation, removing the need for additional software or drivers.

CDP2DP146B is backed by a 3-year StarTech.com warranty and free lifetime technical support.

Note:

- Your USB-C device must support DP Alt Mode to work with this adapter cable.
- To achieve 8K resolutions, your source and your destination must support DisplayPort 1.4.

Certifications, Reports and Compatibility



Applications

- Stream 8K video to a DisplayPort 1.4 screen or monitor
- Deliver eye-catching presentations while you're on the go
- Ultimate accessory for early adopters of 8K technology
- Perfect for creative professionals

Features

- **HIGH PERFORMANCE:** USB-C to DisplayPort 1.4 (32.4Gbps) adapter cable compatible w/ HDR/DisplayHDR, HBR3, Display Stream Compression (DSC), HDCP 2.2/1.4; 8K 60Hz (7680x4320), 5K 60Hz, 4K 120Hz & 1080p
- **EXPERIENCE 8K:** USB C to DisplayPort 1.4 cable was tested w/ 8K monitors, displays & compliance test hardware/software for optimal performance & color depth for high res imaging & content creators
- **INTEGRATED VIDEO ADAPTER CABLE:** This USB-C to DP cable minimizes signal loss & potential failure points with a latching DP connector, level 4 Air/Contact ESD immunity/protection & EMI shielding
- **TESTED & VERIFIED:** With USB-C DP Alt Mode & Thunderbolt 3 devices like Lenovo ThinkPad X1 Carbon/Extreme, Dell XPS, HP EliteBook/ZBook, TB3 MacBook Pro 13 & 16 / Air, iPad Pro, Surface Laptop 3/Pro 7
- **COMPATIBILITY:** This 6' USB Type-C to DisplayPort converter cable requires no software/drivers & is backward compatible with DisplayPort 1.2; works w/ Windows, MacOS, Linux, iPadOS, Chrome OS, Android

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|-------------------------------------|-------------------------------|--|
| Hardware | Warranty | 3 Years |
| | Active or Passive Adapter | Active |
| | AV Input | USB-C |
| | AV Output | DisplayPort - 1.4 |
| | Chipset ID | STM32F072CBY6TR |
| Ports | 1 | |
| Performance | Audio Specifications | DisplayPort - 7.1 Channel Audio |
| | Bandwidth | HBR3 |
| | Maximum Digital Resolutions | 7680×4320 @ 60Hz |
| | Supported Resolutions | DisplayPort: 7680x4320 (8K) / 60Hz |
| | Video Revision | DisplayPort 1.4 |
| | Wide Screen Supported | Yes |
| Connector(s) | Connector A | 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input |
| | Connector B | 1 - DisplayPort (20 pin) Male Output |
| Special Notes / Requirements | System and Cable Requirements | Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter. To achieve 8K resolutions, your source and your destination must support DisplayPort 1.4. |
| | | |
| Environmental | Humidity | 80%-90%RH |
| | Operating Temperature | 5°C to 35°C (41°F to 95°F) |
| | Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Physical Characteristics | Color | Black |
| | Product Height | 0.4 in [1.1 cm] |
| | Product Length | 6 ft [1.8 m] |
| | Product Width | 7.9 in [20 cm] |
| | Weight of Product | 2 oz [57 g] |
| Packaging Information | Package Height | 0.7 in [17 mm] |
| | Package Length | 7.9 in [20 cm] |
| | Package Width | 8.7 in [22 cm] |
| | Shipping (Package) Weight | 0.1 lb [0.1 kg] |
| What's in the Box | Included in Package | 1 - USB-C to DisplayPort Adapter |

Product appearance and specifications are subject to change without notice.