

USB C to DisplayPort Adapter with Power Delivery - 8K 60Hz /4K 120Hz USB Type C to DP 1.4
Video Converter w/ 60W PD Pass-Through Charging - HBR3 - Thunderbolt 3 Compatible

Product ID: CDP2DP14UCPB



This USB-C to DisplayPort adapter lets you connect your USB Type-C or Thunderbolt 3 device to a DisplayPort display, providing you with a convenient, high-performance solution. The adapter features USB Power Delivery so you can power and charge your devices while outputting Ultra HD video.

This USB-C display adapter supports USB Power Delivery up to 60 watts and features an additional USB-C port so you can charge your laptop or tablet using its USB-C power adapter.

This adapter features a unique video signal booster which amplifies the signal and ensures reliable performance, even with lower quality cables. The amplifier also increases the max. supported DP cable length compared to other brands.

Delivering cutting-edge picture quality, this 8K DisplayPort 1.4 adapter supports UHD resolutions up to 7680x4320, and also features HBR3 functionality, providing a bandwidth of up to 32.4Gbps. With HDR support, you can enjoy lifelike images with increased contrast, brightness and colors and greater luminosity than standard digital imaging.

The DisplayPort dongle is also 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.

This lightweight display adapter is highly portable, with a small-footprint design. It's the perfect accessory for your MacBook, Microsoft Surface Book or other USB-C (or Thunderbolt 3) device, fitting perfectly into your carrying case.

CDP2DP14UCPB is backed by a 3-year StarTech.com warranty and free lifetime technical support.

Note:

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

Certifications, Reports and Compatibility



Applications

- Stream lifelike 8K video to a DisplayPort 1.4 monitor, projector or display
- Display crisp digital signage walls
- Ultimate accessory for early adopters of 8K technology
- Deliver eye-catching presentations while you're on the go
- Connect USB-C devices to HDR capable 8K displays
- Perfect for creative professionals

Features

- **HIGH PERFORMANCE:** USB-C to DisplayPort 1.4 (DP Alt Mode HBR3) (32.4Gbps) adapter to connect a single DP display supporting 8K 60Hz (7680x4320) or 4K 120Hz UHD - HDR/DisplayHDR - DSC - HDCP 2.2/1.4 - Works with systems that support DP Alt Mode over USB-C
- **COMPATIBILITY:** Works w/ DP over USB Type-C (Thunderbolt 3 compatible) laptops including MacBooks and Chromebooks and supports up to 60W Power Delivery to power & charge your laptop while displaying video on a DisplayPort monitor
- **IMAGE QUALITY:** This adapter features a unique video signal booster which amplifies the signal and ensures reliable performance, even with lower quality cables - The amplifier also increases the max. supported DP cable length compared to other brands
- **EXPERIENCE 8K:** USB C to DisplayPort adapter was tested with 8K monitors, displays & compliance test hardware/software for optimal performance & color depth for high res imaging & content creators
- **EASY TO USE:** USB C to DP adapter supports a driverless plug & play setup - Works with macOS, iPadOS, Windows, Chrome OS & Linux - Compatible with Thunderbolt 3 & previous versions of DisplayPort

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
# of Displays Supported	1
AV Input	USB-C
Ports	1
AV Output	DisplayPort - 1.4
Chipset ID	Parade PS8468 VIA VL102

Performance

Maximum Cable Distance To Display	6.6 ft [2 m]
Video Revision	DisplayPort 1.4
Supported Resolutions	DisplayPort: 7680x4320 (8K) / 60Hz
Wide Screen Supported	Yes
Bandwidth	HBR3
Audio Specifications	DisplayPort - 7.1 Channel Audio

Connector(s)

Connector A	1 - USB-C (24 pin) DisplayPort Alt Mode
Connector B	1 - DisplayPort (20 pin) 1 - USB Type-C (24 pin) USB Power Delivery Only

Software

OS Compatibility	Windows 8, 8.1, 10, 11, 11 ARM <br / >macOS 10.12 - 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1
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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.
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Power

Power Delivery	60W
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Environmental

Operating Temperature	5C to 45C (41F to 113F)
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Storage Temperature	-10C to 70C (14F to 158F)
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Humidity	10%-85% RH
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Physical Characteristics

Color	Black
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Material	Plastic
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Cable Length	4.3 in [11 cm]
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Product Length	7.5 in [19 cm]
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Product Width	1.7 in [4.3 cm]
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Product Height	0.5 in [1.2 cm]
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Weight of Product	0.8 oz [22.0 g]
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Packaging Information

Package Quantity	1
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Package Length	8.7 in [22.0 cm]
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Package Width	5.0 in [12.8 cm]
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Package Height	0.6 in [1.5 cm]
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Shipping (Package) Weight	0.9 oz [26.0 g]
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What's in the Box

Included in Package	1 - USB-C to DisplayPort Adapter
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Warranty Information

Warranty	3 Years
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**Product appearance and specifications are subject to change without notice.*