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Data Sheet

USB C to DisplayPort Adapter - 8K/5K/4K USB Type C to DP 1.4 Alt Mode Video Converter - HBR3/DSC/HDR - 8K 60Hz Thunderbolt 3 Compatible DisplayPort Monitor Display Adapter

Product ID: CDP2DP14B



This USB-C™ to DisplayPort™ adapter lets you connect your USB Type-C or Thunderbolt 3 device to a DisplayPort monitor or display, providing you with a convenient, high-performance solution. The adapter supports High Dynamic Range (HDR) and provides sharper images with enhanced video.

Incredible 8K Picture Quality

Supporting four times the resolution of 4K, this 8K DisplayPort 1.4 adapter 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 HDR support, you can enjoy lifelike images with increased contrast, brightness and colors and greater luminosity than standard digital imaging.

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

- Displaying crisp digital signage walls
- Creating eye-catching visuals for photography and videography
- Streaming high-resolution, life-like content

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.

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

Ideal for Travel

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.

Hassle-Free Setup

To ensure easy operation, this USB C to DisplayPort adapter supports plug-and-play installation, removing the need for additional software or drivers.

CDP2DP14B 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.*
- *To achieve 8K resolutions, your source and your destination must support DisplayPort 1.4.*
- *This product will not work with the Samsung S8 smartphone. For hassle-free compatibility with the S8 we recommend using CDP2DP.*

Certifications, Reports and Compatibility











Applications

- Stream 8K video to a DisplayPort 1.4 monitor, projector or display
- 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 (32.4Gbps) adapter 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 adapter was tested with 8K monitors, displays & compliance test hardware/software for optimal performance & color depth for high res imaging & content creators
- 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
- HIGH BUILD QUALITY: Robust & reliable USB Type C to DP adapter dongle w/ Level 4 Air/Contact ESD immunity/protection and EMI shielding for consistent, uninterrupted performance / FCC certified
- COMPATIBILITY: This USB-C to DisplayPort video converter requires no software/drivers & is backwards compatible with DisplayPort 1.2; Works w/ Windows, MacOS, Linux, iPadOS, Chrome OS, Android

	Warranty	3 Years
Hardware	AV Input	USB-C
	AV Output	DisplayPort - 1.4
	Chipset ID	STM32F072
	Ports	1
Performance	Audio Specifications	DisplayPort - 7.1 Channel Audio
	Bandwidth	HBR3
	Maximum Cable Distance To Display	16.4 ft [5 m]
	Maximum Digital Resolutions	7680×4320 @ 30Hz
	Supported Resolutions	1024x768 1280x720 (High-definition 720p) 1920x1080 (High-definition 1080p) 1920x1200 2560x1440 2560x1600 3840x2160 (Ultra HD 4K) 4096x2160 (DCI 4K) 7680x4320 (Ultra HD 8K)
	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) Female Output
Special Notes / Requirements	**Note**	This product will not work with the Samsung S8 smartphone. For hassle-free compatibility with the S8 we recommend using CDP2DP.
	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	30%-60%
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	25°C
Physical Characteristics	Color	Black
	Material	Plastic
	Product Height	15.000

	Product Length	0.9 in [2.4 cm]
	Product Width	60.000
	Weight of Product	34.000
Packaging Information	Package Height	0.100
	Package Length	220.000
	Package Width	200.000
	Shipping (Package) Weight	44.000
What's in the Box	Included in Package	1 - USB-C to DisplayPort Adapter

Product appearance and specifications are subject to change without notice.