

3-Port USB-C Multi-Monitor Adapter, USB Type-C to 3x DisplayPort 1.2 MST Hub, Triple 1080p 30Hz DP Laptop Display Extender / Splitter, Extra-Long Built-In Cable - Windows Only

Product ID: MSTCDP123DP



This 3-port USB-C to DisplayPort MST hub lets you connect three DisplayPort monitors to your USB Type-C Windows device, conveniently helping you to maximize your productivity.

With devices becoming more portable than ever, you can be limited to fewer video outputs and confined to your small integrated screen. This MST hub solves that problem by enabling you to connect three displays to your USB-C computer, making multi-tasking much easier.

Using this USB-C to DisplayPort splitter, you can mirror your display onto additional monitors or stream independent content to each display, which makes it the ideal accessory for travel or hot-desking.

Multi-Stream Transport (MST) technology uses your existing video card to minimize the use of system resources while delivering UHD 4K resolutions for up to two monitors simultaneously. Plus, because the multi-monitor splitter can output HD 1080p on three independent displays, it's perfect for all high-resolution applications such as graphic design and medical imaging.

MST offers an easy setup, by natively working on any Windows device that supports DP Alt Mode over USB Type-C. This USB-C multi-monitor adapter is Thunderbolt 3 compatible and offers plug-and-play installation with no drivers or software required. Additionally, this DP MST hub is powered by the USB-C port, meaning no external power cords are necessary.

MSTCDP123DP is backed by a StarTech.com 3-year warranty, and free lifetime technical support.

## Certifications, Reports and Compatibility















## **Applications**

- Extend your desktop onto additional monitors or displays
- Create dynamic digital signage with a panoramic video wall
- · Span across multiple monitors to avoid side-scrolling
- Edit media across additional displays in any orientation
- · Ideal for travel or hot-desking

## **Features**

- MULTI-MONITOR CONFIGURATION: USB Type-C to Triple DisplayPort adapter/splitter hub drives up to three 1080p 60Hz or two 4K 30Hz displays using a USB-C DP Alt-Mode port on Windows laptops; TB3/TB4/USB4 Compatible; Not compatible with macOS
- NO DRIVERS OR SOFTWARE: Increase productivity by adding three extended or mirrored displays to a Windows laptop; Utilize integrated or discrete GPU (Intel/AMD/Nvidia) capabilities enabling high performance graphics with minimal CPU usage
- HARDWARE COMPATIBILITY: Host system must support DP Alt Mode 1.2 / HBR2 / MST; Please verify maximum number of displays supported by your GPU; Some GPU chips (such as Intel HD Graphics) are only capable of supporting a maximum of three displays
- EXTRA LONG CABLE: 1ft (30 cm) built-in cable for extended reach reduces port/connector strain on 2-in-1 devices like Surface Pro 7, HP Elite x2/laptops on riser stands; Ideal for on-the-go travel use in office/home office/shared workspaces
- OUR ADVANTAGE: Included connectivity tools for IT Pro's and IT help-desk support teams with Windows Layout Utility which restores windows app locations when re-connecting the USBC to Triple DisplayPort Adapter

Hardware			
	Warranty	3 Years	
	AV Input	USB-C	
	Ports	3	
	AV Output	DisplayPort - 1.2	
	Audio	Yes	





Chipset ID MegaChips	- STDP4320
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VIA/VLI - VL100

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Maximum Cable Distance 6.6 ft [2 m]

To Display

Maximum Digital

Resolutions

3840x2160 @ 30hz

Supported Resolutions

Note: MST shares 21.6 Gbps across all attached displays. Higher resolutions can restrict the available bandwidth with the remaining ports, please see our guideline below for determining an ideal resolution for your setup. bandwidth allocation<small>1920x1080 (High-definition

1080p) @60hz - 22%

1920x1200 @60hz - 30%

2560x1440 @60hz - 35%

2560x1600 @60hz - 38%

3840 x 2160 (Ultra HD 4K) @30hz - 38%</small> <small>Note: Exceeding 100% will reduce

functionality.</small>

Wide Screen Supported

**Audio Specifications** 

DisplayPort - 5.1 Channel Audio

Connector(s)

Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode

Yes

Connector B 3 - DisplayPort (20 pin)

**Software** 

**OS** Compatibility

Windows 11, 10, 8.1, 8

Special Notes / Requirements

Note

Your USB-C equipped device must support video (DP alt mode)

to work with this adapter

**Environmental** 

Operating Temperature 0C to 45C (32F to 113F)

-20C to 70C (-4F to 158F) Storage Temperature

**Physical** 





## Characteristics

Characteristics		
	Color	Black
	Material	Plastic
	Cable Length	12.7 in [322 mm]
	Product Length	3.1 in [7.8 cm]
	Product Width	2.4 in [6.0 cm]
	Product Height	0.7 in [1.8 cm]
	Weight of Product	3.0 oz [86.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	6.7 in [17.0 cm]
	Package Width	5.7 in [14.4 cm]
	Package Height	1.3 in [3.2 cm]
	Shipping (Package) Weight	6.0 oz [170.0 g]
What's in the Box		
	Included in Package	1 - MST hub
		1 - quick-start guide

<sup>\*</sup>Product appearance and specifications are subject to change without notice.