

2-Port Multi Monitor Adapter - USB-C to 2x DisplayPort 1.2 Video Splitter - USB Type-C to DP MST Hub - Dual 4K 30Hz or 1080p 60Hz - Thunderbolt 3 Compatible - Windows Only

Product ID: MSTCDP122DP



This USB-C to DisplayPort MST Hub lets you connect two 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 multi-stream transport hub solves that problem by enabling you to connect two separate displays to your USB-C computer, making multitasking much easier.

Using this USB-C to dual DisplayPort monitor adapter, 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.

MST technology uses your existing video card to minimize the use of system resources, while delivering UHD 4K resolutions for two monitors or displays simultaneously. With support for HD 1080p and UHD 4K, the dual-monitor splitter is perfect for all high-resolution applications such as graphic design and CAD drawing.

Multi-stream transport offers an easy setup, by natively working on any Windows device that supports DP Alt Mode over USB Type-C. This USB-C dual-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.

MSTCDP122DP 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
- Avoid side-scrolling by spanning across dual monitors
- Edit media across additional displays in any orientation
- Ideal for travel or hot-desking

Features

- **MULTIPLE MONITORS:** USB-C to DisplayPort splitter to drive 2x 4K 30Hz or 2x 1080p 60Hz DP displays using a USB-C DP Alt-Mode port (DP 1.2/HBR2/MST) w/ no video compression; Thunderbolt 3 compatible
- **CONVENIENCE:** With a built-in 1ft cable, this bus-powered 2-port MST hub provides an easy method to connect up to two independent screens with any DisplayPort over USB Type-C Windows host device
- **COMPATIBLE WITH:** Dell XPS / Precision / Latitude, Lenovo ThinkPad X1 Carbon / Extreme, Surface Laptop 3 / Book 3 / Pro 7, HP ProBook / EliteBook / Spectre / ZBook & smaller (Mini -ITX) computers
- **INCREASE PRODUCTIVITY:** With minimal footprint, this multi stream transport hub helps increase your productivity by adding extended or mirrored displays to your workstation at the office/home office
- **EASY TO USE:** This dual monitor adapter uses MST technology to natively support your DP monitors allowing for a driverless plug-and-play setup; fully compatible with Windows systems

Hardware

Warranty	3 Years
AV Input	USB-C
Ports	2
AV Output	DisplayPort - 1.2
Audio	Yes
Chipset ID	MegaChips - STDP4320 VIA/VLI - VL100

Performance

Maximum Cable Distance To Display	6.6 ft [2 m]
Maximum Digital Resolutions	3840x2160 @ 30hz
Supported Resolutions	<p>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.

Average resolution bandwidth allocation

1920x1080 (High-definition 1080p) @60hz - 22%

1920x1200 @60hz - 30%

2560x1440 @60hz - 35%

2560x1600 @60hz - 38%

3840 x 2160 (Ultra HD 4K) @30hz - 38%

Note: Exceeding 100% will reduce functionality.

Wide Screen Supported Yes

Audio Specifications DisplayPort - 5.1 Channel Audio

Connector(s)

Connector A	USB-C (24 pin) DisplayPort Alt Mode
Connector B	DisplayPort (20 pin)

Software

OS Compatibility	Microsoft Windows 10, 8/8.1, 7
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Special Notes / Requirements

Note	DisplayPort 1.2 with MST+HBR2 support from the GPU is required for independent display output
	Your USB-C equipped device must support video (DP alt mode) to work with this adapter

Power

Power Source	USB-Powered
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Environmental

Operating Temperature	5C to 35C (41F to 95F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	50-90%

Physical Characteristics

Color	Black
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Cable Length	12.8 in [32.4 cm]
Product Length	15.2 in [38.6 cm]
Product Width	2.3 in [58 mm]
Product Height	0.6 in [14 mm]
Weight of Product	1.6 oz [44 g]

Packaging Information

Package Length	6.8 in [17.2 cm]
Package Width	5.6 in [14.3 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	4.7 oz [133 g]

What's in the Box

Included in Package	MST hub quick-start guide
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****Product appearance and specifications are subject to change without notice.***

