

2-Port Multi Monitor Adapter - DisplayPort 1.2 MST Hub - Dual 4K 30Hz or 1080p - USB Bus Powered - Video Splitter for Extended Desktop Mode on Windows PCs Only - DP to 2x DP

Product ID: MSTDP122DP



This MST hub lets you connect two monitors to your DisplayPort (DP) 1.2 equipped Windows laptop or desktop. It's USB powered, so the only thing you'll need to operate the hub is your computer.

The newest generations of computers are more portable than ever, which often means that you're left with fewer video outputs and smaller integrated screens. This MST hub solves both of these problems by letting you connect two additional displays to your computer, which makes multitasking much easier.

With the MST hub, you can use DisplayPort video adapters and cable adapters that enable you to connect HDMI, VGA or DVI displays. This ensures your MST hub will be compatible with virtually any television, monitor or projector. The hub is VESA and DisplayPort certified to support DP 1.2 enabled systems, for seamless integration with your existing video equipment.

Using the MST hub, you can extend your desktop onto additional monitors and stream independent content to each display, giving you the freedom to multitask and increase your productivity. You can also mirror the same image onto multiple displays for remote viewing applications such as digital signage.

MST technology uses your existing video card to minimize the use of system resources while delivering Ultra HD 4K resolutions. This unprecedented performance makes MST perfect for high-resolution applications such as graphic design, gaming and medical imaging.

Note: When using a DisplayPort 1.1 video card the MST hub will act as a splitter, automatically mirroring your video source across all displays. Resolution limitations apply.

The MSTDP122DP supports plug-and-play installation for a hassle-free setup, and is backed by a StarTech.com 3-year warranty and free lifetime technical support.

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.

Certifications, Reports and Compatibility

Applications

- Use one screen for reference data such as websites, while composing in another screen
- Dock your DP 1.2 device and add two high-resolution displays to your workstation
- Create a panoramic video wall for DisplayPort digital signage applications
- Edit images, video or audio clips across two additional displays in any orientation or resolution
- Perfect for spanning a spreadsheet or worksheet across two additional displays, to avoid side-scrolling

Features

- **MULTI MONITOR ADAPTER FOR WINDOWS:** Dual DisplayPort MST hub drives up to two DP displays in extended or duplicate mode using a DP port on Windows desktop PCs or laptops Not compatible with macOS
- **DISPLAY RESOLUTION:** Dual monitor DisplayPort MST hub supports resolutions up to 4K 30Hz (UHD) or 1080p 60Hz on both monitors, or can support two ultrawide displays up to 3440x1440
- **COMPATIBILITY:** 2-Port DisplayPort MST video splitter works with laptops, computers or desktop graphics cards Requires host system with DP 1.2/HBR2/MST or later from HP, Dell & Lenovo and AMD, Nvidia & Intel video cards
- **INCREASE PRODUCTIVITY:** Increase productivity by extending your desktop at your workstation in the office/home office MST technology uses your GPU/video card performance to deliver uncompressed video and use minimal system resources
- **EASY TO USE:** Dual monitor adapter natively supports 2x DP monitors; Works w/Windows only and provides an easy driverless setup Latching DisplayPort connector ensures a reliable connection and prevents accidental disconnection
- **CONVENIENCE:** MST (multi-stream transport) hub is equipped with a built-in 7.5" (19cm) cable for video (DisplayPort) and 9.8" (25cm) USB-A cable for power (USB bus-powered) Supports LPCM digital audio

Hardware

Warranty	3 Years
Active or Passive Adapter	Active
Ports	2
AV Input	DisplayPort - 1.2
AV Output	DisplayPort - 1.2
Audio	Yes
Chipset ID	MegaChips - STDP4320

Performance

Maximum Cable Distance To Display	6.6 ft [2 m]
Maximum Digital Resolutions	3840 x 2160 @30hz
Supported Resolutions	1024x768 1280x720 (High-definition 720p) 1920x1080 (High-definition 1080p) 1920x1200 2560x1440 2560x1600 3840 x 2160 (Ultra HD 4K) @30hz
Wide Screen Supported	Yes
Audio Specifications	DisplayPort - 5.1 Channel Audio

Connector(s)

Connector A	DisplayPort (20 pin)
Connector B	DisplayPort (20 pin)

Software

OS Compatibility	Windows 10 (32/64) Windows 8/8.1 (32/64) Windows 7(32/64)
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Special Notes /



Requirements

Note	DisplayPort 1.2 with MST+HBR2 support from the GPU is required for independent display output
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Power

Power Source	USB-Powered
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Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	50-90%

Physical Characteristics

Color	Black
Material	Plastic
Cable Length	7.5 in [19 cm]
Product Length	9.8 in [25.0 cm]
Product Width	2.3 in [58.0 mm]
Product Height	0.5 in [13.6 mm]
Weight of Product	1.8 oz [52.0 g]

Packaging Information

Package Length	6.8 in [17.2 cm]
Package Width	5.6 in [14.1 cm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	4.7 oz [134.0 g]

What's in the Box

Included in Package	2-port DP MST Hub
	Quick install guide

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

