

3-Port Multi Monitor Adapter - Mini DisplayPort to HDMI MST Hub - Triple 1080p or Dual 4K 30Hz - Video Splitter for Extended Desktop Mode on Windows Only - mDP 1.2 to 3x HDMI

**Product ID:** MSTMDP123HD



This MST hub lets you connect three HDMI monitors to your Mini DisplayPort computer. MST works on any Windows device that supports DisplayPort 1.2, such as models of the Lenovo Think Pad and Microsoft Surface. When connected to earlier revisions of DisplayPort, such as DP 1.1 the MST hub acts as a video splitter.

The newest generations of laptops are more portable than ever, unfortunately this means you're left with fewer video outputs and a small integrated screen. The MST hub solves these problems by letting you connect three independent displays to a single mDP port on your computer, which makes multitasking much easier. Using the MST hub, you can extend your desktop onto additional monitors and stream independent content to each display, which makes it easier to multitask and increase your productivity - perfect for creating an easy-to-dock hot desk solution with a wireless keyboard and mouse peripheral set. 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. 4K is supported by the latest A/V devices and delivers four times the resolution of 1080p. Plus, because the MST hub can output high-definition 1080p, the MST hub is perfect for all high-resolution applications such as graphic design and medical imaging.

The MSTMDP123HD is backed by a 3-year StarTech.com warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Add more displays to your Surface Pro 3
- Use one screen for reference data such as websites, while composing in another screen

- Dock your mDP 1.2 device and add three high-resolution displays to your workstation
- Create a panoramic video wall for DisplayPort digital signage applications
- Edit images, video or audio clips across three displays in any orientation or resolution
- Perfect for spanning a spreadsheet/worksheet across all three displays, to avoid side-scrolling
- Enjoy the panoramic views built into games and display helpful codes/walkthrough data on a third display, at the same time

## Features

- **MULTI MONITOR ADAPTER FOR WINDOWS:** Triple Mini DisplayPort to HDMI MST hub drives up to 3x HDMI monitors in extended or duplicate mode using a Mini DP port on Windows desktop PCs or laptops. Not compatible with macOS
- **DISPLAY RESOLUTION:** Multiple monitor Mini DP to HDMI MST hub supports HD resolutions up to 3x 1080p 60Hz on three monitors, or dual 4K 30Hz on two monitors, or can support three ultrawide displays up to 2560x1080 60Hz
- **COMPATIBILITY:** 3-Port mDP to HDMI 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:** Triple monitor adapter natively supports 3x HDMI screens; Works with Windows only and provides an easy driverless setup
- **CONVENIENCE:** MST (multi-stream transport) hub is equipped with a built-in 7.5" (19m) cable for video (Mini DisplayPort) and an AC power adapter. Supports LPCM digital audio
- **GPU CAPABILITIES:** 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 (laptop screen may be disabled when connected to three monitors)

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### Hardware

Warranty	3 Years
Active or Passive Adapter	Active
Ports	3
AV Input	Mini DisplayPort - 1.2
AV Output	HDMI - 1.4
Audio	Yes

Chipset ID                      MegaChips - STDP4320

**Performance**

Maximum Cable Distance To Display	49.9 ft [15.2 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	HDMI - 7.1 Channel Audio

**Connector(s)**

Connector A	Mini-DisplayPort (20 pin)
Connector B	HDMI (19 pin)

**Software**

OS Compatibility	Windows 11 Windows 10 (32/64) Windows 8/8.1 (32/64) Windows 7(32/64)
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**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.5 A
Output Voltage	5 DC
Output Current	3A



Center Tip Polarity	Positive
Plug Type	N
Power Consumption (In Watts)	15

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#### Environmental

Operating Temperature	0C to 45C (32F to 113F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	50-90%

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#### Physical Characteristics

Color	Black
Material	Plastic
Product Length	4.5 in [11.4 cm]
Product Width	2.6 in [66 mm]
Product Height	0.6 in [14 mm]
Weight of Product	4.2 oz [120 g]

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#### Packaging Information

Package Length	9.4 in [24 cm]
Package Width	5.9 in [15.1 cm]
Package Height	2.5 in [63 mm]
Shipping (Package) Weight	18.1 oz [514 g]

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#### What's in the Box

Included in Package	Mini DisplayPort to 3x HDMI MST Hub
	Universal power adapter (NA/EU/UK/AU)
	Quick install guide

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