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Mini DisplayPort to DisplayPort Multi-Monitor Splitter - 2-Port MST Hub

Product ID: MSTMDP122DP



This MST hub lets you connect two DisplayPort 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 MST hub is USB powered, so the only thing you'll need to operate the hub is your computer.

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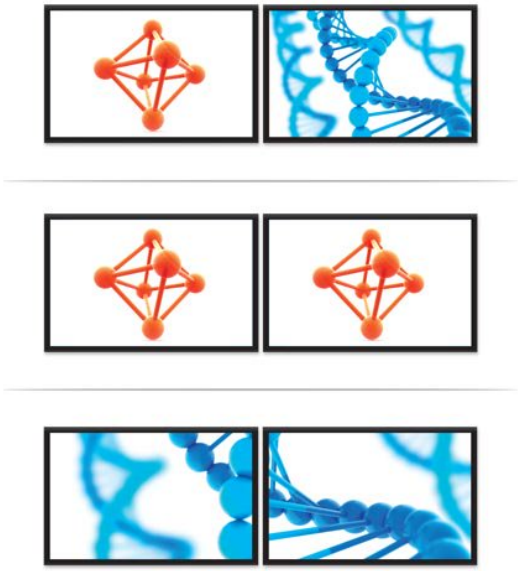
Increase your productivity with multiple monitors

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 two 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.



Astonishing picture quality that won't drain your system resources

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.



Works with any monitor, television or projector

With this MST hub, you can use separate mDP video adapters to connect HDMI, VGA or DVI displays, for compatibility with all of your existing monitors. The hub is VESA and DisplayPort certified to support DP 1.2 enabled systems, for seamless integration with your existing video equipment.

The MSTMDP122DP has been certified by Microsoft and tested for compatibility with your Microsoft Surface Pro 3, Surface Pro 4 and Surface Book and is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Designed for Microsoft Surface



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Certifications, Reports and Compatibility

RoHS & REACH DOWNLOAD DECLARATION

Applications

- Connect additional displays to your Surface Pro 3
- Use one screen for reference data such as websites, while composing your documents on another screen
- Dock your mDP 1.2 device and add two high-resolution displays at 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

- Maximize your productivity by connecting two independent displays to your computer using the MST hub
- Connect to almost any television, monitor or projector with the support of low-cost adapters
- Compatible with Microsoft Surface Pro 4, Surface Pro 3 and Surface Book
- Support for resolutions up to 4K
- VESA and DisplayPort certified
- Compatible with mDP 1.2 graphics cards such as AMD Radeon with Eyefinity Technology
- Plug-and-play installation

	Warranty	2 Years
Hardware	Active or Passive Adapter	Active
	Audio	Yes
	Chipset ID	MegaChips - STDP4320
	Ports	2
Performance	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. **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
Connector(s)	Connector A	1 - Mini-DisplayPort (20 pin) Male Input
	Connector B	2 - DisplayPort (20 pin) Female Output
Software	OS Compatibility	Windows 10 (32/64) Windows 8/8.1 (32/64) Windows 7(32/64)
Special Notes / Requirements	**Note**	DisplayPort 1.2 with MST+HBR2 support from the GPU is required for independent display output When using a DisplayPort 1.1 video card the MSTMDP122DP will act as splitter, automatically mirroring your video source across all displays. Resolution limitations apply
Power	Power Source	USB-Powered
Environmental	Humidity	50-90%
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Physical Characteristics	Cable Length	7.5 in [19 cm]
	Color	Black
	Enclosure Type	Plastic

	Product Height	0.6 in [14 mm]
	Product Length	15.2 in [386 mm]
	Product Weight	1.8 oz [51 g]
	Product Width	2.3 in [58 mm]
Packaging Information	Shipping (Package) Weight	5 oz [142 g]
What's in the Box	Included in Package	1 - 2-port mDP to DP MST Hub
		1 - Quick install guide

Product appearance and specifications are subject to change without notice.