

USB C to HDMI Multi-Monitor Adapter - 3-Port MST Hub

Product ID: MSTCDP123HD



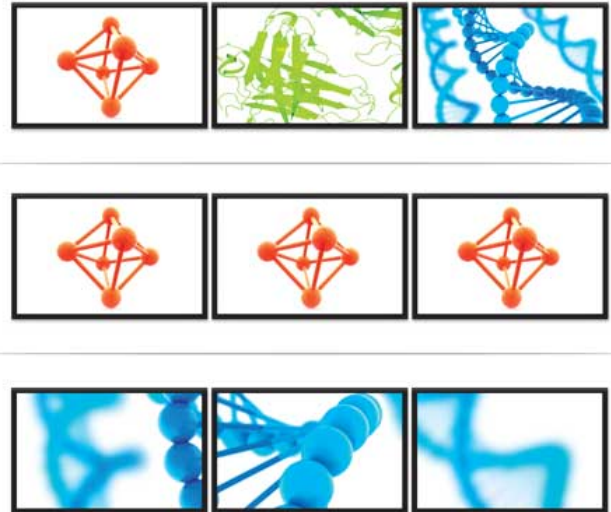
This MST (Multi-Stream Transport) hub lets you connect three HDMI monitors to your USB-C™ computer. MST ensures hassle-free setup by natively working on any Windows® device that supports DP Alt Mode over USB Type-C™, such as models of Dell™ Precision™ and Dell XPS™ laptops and ASUS® ROG GL752.

Increase your productivity with multiple monitors

The newest generation of laptops are more portable than ever. Unfortunately, this means you're left with fewer video outputs and a small integrated screen. This MST hub solves these problems by letting you connect three displays to a single USB-C 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. This makes it easier to multitask and increase your productivity, which is 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 high-resolution applications such as graphic design and medical imaging.

The MSTCDP123HD is backed by a 2-year StarTech.com warranty and free lifetime technical support.



Note: MST shares 21.6Gbps across all attached displays. Higher resolutions can restrict the available bandwidth with the remaining ports, please see our guidelines below for determining an ideal resolution for your setup. Certain graphics adapters have limited MST support and will only output to three displays in total. If more than three monitors are attached, the fourth will be disabled.

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.

Examples of supported resolution configurations:

Screen 1 Resolution	Screen 2 Resolution	Screen 3 Resolution	Total % of Bandwidth
1920x1200 @60Hz (30%)	1920x1200 @60Hz (30%)	1920x1200 @60Hz (30%)	90%
2560x1440 @60Hz (35%)	2560x1440 @60Hz (35%)	1920x1200 @60Hz (30%)	100%
2560x1600 @60Hz (38%)	2560x1600 @60Hz (38%)	1920x1080 @60Hz (22%)	98%
3840x2160 @30Hz (38%)	2560x1600 @60Hz (38%)	1920x1080 @60Hz (22%)	98%
3840x2160 @30Hz (38%)	3840x2160 @30Hz (38%)	1920x1080 @60Hz (22%)	98%

Examples of unsupported resolution configurations:

Screen 1 Resolution	Screen 2 Resolution	Screen 3 Resolution	Total % of Bandwidth
2560x1600 @60Hz (38%)	2560x1600 @60Hz (38%)	1920x1200 @60Hz (30%)	106%
3840x2160 @30Hz (38%)	2560x1600 @60Hz (38%)	1920x1200 @60Hz (30%)	106%
3840x2160 @30Hz (38%)	2560x1600 @60Hz (38%)	2560x1440 @60Hz (35%)	111%
3840x2160 @30Hz (38%)	3840x2160 @30Hz (38%)	3840x2160 @30Hz (38%)	114%

Certifications, Reports and Compatibility



Applications

- Connect additional displays to your USB-C device
- Use one screen for referencing data, such as websites, while composing your documents on another screen
- Connect your USB-C device supporting DP Alt Mode to three high-resolution displays at your workstation

Features

- Maximize your productivity by connecting three independent displays to your computer using the MST hub
- Hassle-free connection with the reversible USB-C connector
- Increase external video performance with support for resolutions up to 4K on two monitors simultaneously
- Thunderbolt 3 port compatible

Hardware	Warranty	2 Years
	Audio	Yes
	Chipset ID	MegaChips - STDP4320 VIA/VLI - VL100
	Converter Type	MST Hub
	Output Signal	HDMI
	Ports	3
Performance	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
Connector(s)	Connector A	1 - USB-C (24 pin) DisplayPort Alt Mode Male Input
	Connector B	3 - HDMI (19 pin) Female Output
Software	OS Compatibility	Windows 10 (32/64) Windows 8/8.1 (32/64) Windows 7(32/64)
Environmental	Humidity	50-90%
	Operating Temperature	0°C to 45°C (32°F to 113°F)
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Physical Characteristics	Accent Color	Black
	Cable Length	11.8 in [300 mm]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.6 in [15 mm]
	Product Length	4.1 in [105 mm]
	Product Weight	4.2 oz [118 g]
	Product Width	2.6 in [65 mm]
Packaging Information	Shipping (Package) Weight	0.7 lb [0.3 kg]
What's in the Box	Included in Package	1 - MST hub

Product appearance and specifications are subject to change without notice.