

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

Product ID: MSTCDP122HD



This USB-C to HDMI MST Hub lets you connect two HDMI 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 multi-tasking much easier. Using this USB-C to HDMI video splitter, 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 USB-C hub 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 to HDMI hub is Thunderbolt 3 compatible, and offers plug-and-play installation with no drivers or software required. Additionally, this dual-monitor splitter is powered by the USB-C port, meaning no external power cords are necessary.

MSTCDP122HD 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 HDMI splitter to drive 2x 4K 30Hz or 2x 1080p 60Hz HDMI 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 HDMI monitors allowing for a driverless plug-and-play setup; fully compatible with Windows systems

Hardware

| | |
|------------|---|
| Warranty | 3 Years |
| Ports | 2 |
| AV Input | USB-C |
| AV Output | HDMI - 1.4 |
| Audio | Yes |
| Chipset ID | MegaChips - STDP4320 Parade - PS8402A VIA/VLI - VL100 |

Performance

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|-----------------------------------|--|
| Maximum Cable Distance To Display | 49.9 ft [15.2 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.</p><p>Average resolution bandwidth allocation</p><p><small>1920x1080 (1080p) @60hz - 22%

1920x1200 @60hz - 30%

2560x1440 @60hz - 35%

2560x1600 @60hz - 38%

3840 x 2160 (Ultra HD 4K) @30hz - 38%</small></p>

<p><small>Note: Exceeding 100% will reduce functionality.</small></p>

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|-----------------------|--------------------------|
| Wide Screen Supported | Yes |
| Audio Specifications | HDMI - 7.1 Channel Audio |

Connector(s)

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|-------------|-------------------------------------|
| Connector A | USB-C (24 pin) DisplayPort Alt Mode |
| Connector B | HDMI (19 pin) |

Software

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|------------------|--------------------|
| OS Compatibility | Windows 10, 8.1, 8 |
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Special Notes / Requirements

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|------|---|
| Note | Your USB-C equipped device must support video (DP Alt Mode) to work with this adapter |
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Environmental

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

Physical Characteristics

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|----------------|-------------------|
| Color | Black |
| Material | Plastic |
| Cable Length | 11.5 in [29.2 cm] |
| Product Length | 2.4 in [62 mm] |
| Product Width | 2.3 in [58 mm] |
| Product Height | 0.5 in [13 mm] |



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|-------------------|---------------|
| Weight of Product | 1.6 oz [44 g] |
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Packaging Information

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|----------------|------------------|
| Package Length | 6.9 in [17.4 cm] |
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|---------------|------------------|
| Package Width | 5.7 in [14.4 cm] |
|---------------|------------------|

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|----------------|----------------|
| Package Height | 1.3 in [32 mm] |
|----------------|----------------|

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|---------------------------|----------------|
| Shipping (Package) Weight | 5.0 oz [143 g] |
|---------------------------|----------------|

What's in the Box

| | |
|---------------------|-------------------|
| Included in Package | MST hub |
| | quick-start guide |

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

