

Dual-Monitor USB-C Docking Station - Dual DisplayPort - 2.5" SATA SSD/HDD Drive Bay - MST and 60W Power Delivery - 4K

Product ID: MST30C2HDPPD



This dual-monitor USB-C™ docking station adds valuable data storage and backup to your Windows laptop, and makes it easy to create a multi-monitor workstation through support for DP Alt Mode and DisplayPort Multi-Stream Transport (MST).

The USB-C dock provides a versatile way to connect to two DisplayPort monitors, a wired network and three USB 3.0 devices, while housing a 2.5" HDD or SSD for added storage or backup, all through a single USB-C cable. Plus, with Power Delivery support, you can power and charge your laptop as you work.

Add data storage and backup

Featuring a built-in 2.5" SATA SSD/HDD drive bay, this docking station gives you the added advantage of external data storage and backup, reducing the number of devices on your desktop. You can consolidate your peripherals, including external storage, with just one connection to your laptop. This reduces clutter in your workspace and simplifies workflow, making it easier to perform routine tasks like data offloads.

The 2.5" drive bay supports SATA I, II, and III. It's ideal for creative professionals, IT executives, engineers, business executives and other professionals requiring high-performance functionality and external storage and backup, with Windows Backup, macOS Time Machine or other backup software. And, if you want to add further external storage, the dock has three USB 3.0 ports available.

Connect just one adapter to power the dock and your laptop

This premium laptop dock capitalizes on the full potential of USB Type-C™, which simultaneously transfers power, video, and data.

The docking station supports USB Power Delivery, providing up to 60 watts of power, through the 100W power adapter included. This means you can power and charge your laptop while it's docked, through its USB-C port, and cut clutter at your workstation. Plus, you don't need to carry or remember an extra power adapter when you're traveling to or from the office.

Take advantage of versatile video output

This dual-monitor docking station replicates the high performance of a full-size workstation, with DP Alt Mode and MST support providing single, mirror and extended display mode functionality. The USB-C docking station supports 4K Ultra HD resolution (providing the connected DisplayPort display supports it).

With this versatile dock, you can connect:

- 2x DisplayPort display at 1920 x 1200 resolution (60Hz)
- 1x DisplayPort display at 3840 x 2160 resolution (30Hz)

Note: Multi-display and dual-display configurations are only supported in Windows operating systems that support MST.

The MST30C2HDPPD is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Notes:

- Ensure your laptop's drivers, firmware, and operating system are up to date prior to using the docking station.
- Video output capabilities are dependent on the video card and hardware specification of your connected laptop. Certain video cards have limited MST support, while some monitors will also limit the available resolution.

- *Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure that your laptop USB-C port supports DP alt mode, as well as USB Power Delivery.*
- *Not all Thunderbolt 3 USB-C ports support the full functionality of the Thunderbolt 3 standard. Ensure that your laptop Thunderbolt 3 port supports USB Power Delivery.*
- *macOS does not support MST.*

Certifications, Reports and Compatibility



Applications

- The perfect accessory for USB-C equipped laptops, supports backup functions using Windows Backup, macOS Time Machine or other backup software
- Ideal for creative professionals, engineers, IT executives and many more professionals requiring multiple sources for external storage or backup of large files
- Power and charge your USB-C equipped laptop, using only the dock's power adapter
- Create a full-size workstation that's ideal for hot desk and BYOD (Bring Your Own Device) users, or for CYOD (Choose Your Own Device) applications

Features

- Add data storage and backup capability with an internal 2.5" SATA SSD/HDD drive bay (supports SATA I, II, III)
- Power and charge your laptop as you work with 60W USB Power Delivery 2.0 support
- Turn your USB-C laptop into a dual-video workstation with MST single, mirror and extended mode support
- Easy plug and play setup with no drivers required
- Connect your existing peripherals using three available USB 3.0 (Type-A) ports, including one fast-charge port to charge phones, with or without dock connected to laptop
- Gigabit Ethernet connectivity with Wake-on-LAN
- Thunderbolt™ 3 port compatible
- Boot from LAN or USB devices
- Convenient front panel ON/OFF button

Hardware	Warranty	3 Years
	4K Support	Yes
	Bus Type	USB-C
	Chipset ID	VIA - VL813 (USB Power Delivery) MegaChips - STDP4320 (DisplayPort with MST) AS Media - ASM1153E (SATA III) Realtek - RTL8153 (LAN) C-Media - CM6533 (C-Media)
	Displays Supported	2
	Fast-Charge Port(s)	Yes
	Industry Standards	USB Power Delivery Specification Rev. 2.0 USB Battery Charging Specification Rev. 1.2 DisplayPort 1.2 with MST IEEE 802.3, IEEE 802.3u, IEEE 802.3ab USB 3.0 - Backward compatible with USB 2.0 and 1.1
Performance	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex)
	Maximum Digital Resolutions	2x DisplayPort display at 1920 x 1200 resolution (60Hz) 1x DisplayPort display at 3840 x 2160 resolution (30Hz)
	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	Connector Type(s)	1 - USB Type-C (24 pin) USB 3.0 Female 2 - DisplayPort (20 pin) Female 1 - USB 3.0 A (Fast-Charge, 9 pin, SuperSpeed) Female 2 - USB Type-A (9 pin) USB 3.0 Female 1 - RJ-45 Female 1 - 3.5 mm Mini-Jack (4 Position) Female
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Mac OS 10.11 to 10.12* *MacOS does not support MST
Special Notes / Requirements	Note	Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure that your host USB-C port supports USB Power Delivery 2.0 and DP alt mode. If you are connecting multiple DisplayPort monitors in a daisy chain through the dock's DisplayPort connection, the monitors must support DisplayPort 1.2 and MST USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps

		<p>A 4K-capable DisplayPort display is required to achieve 4Kx2K resolution</p> <p>Video output capabilities are dependent on the video card and hardware specifications of your connected host laptop. Certain video cards have limited MST or video support, while some monitors will also limit the available resolution.</p> <p>For a dual-monitor configuration the host laptop must support MST</p>
	System and Cable Requirements	A host laptop with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB Power Delivery 2.0 and DP alt mode)
Power	Center Tip Polarity	Positive
	Input Current	2 A
	Input Voltage	100 ~ 240 AC
	Output Current	5 A
	Output Voltage	20V DC
	Plug Type	N
	Power Consumption (In Watts)	100
	Power Delivery	60W
	Power Source	AC Adapter Included
Environmental	Humidity	0%~95% RH (Non-condensing)
	Operating Temperature	0°C to 60°C (32°F to 140°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Physical Characteristics	Cable Length	39.4 in [1000 mm]
	Color	Black & Silver
	Enclosure Type	Plastic
	Product Height	1.1 in [28 mm]
	Product Length	8.3 in [210 mm]
	Product Weight	4.7 oz [133 g]
	Product Width	3.5 in [90 mm]
Packaging Information	Shipping (Package) Weight	35.3 oz [1000 g]
What's in the Box	Included in Package	1 - docking station 1 - 1 m USB-C cable

- 4 - hard-drive mounting screws
- 1 - universal power adapter (NA/JP, UK, EU, ANZ)
- 1 - Quick-start guide

Product appearance and specifications are subject to change without notice.