USB C Multiport Adapter, Dual HDMI Video, 4K 60Hz, 2Pt 5Gbps USB-A Hub, 100W Power Delivery Pass-Through/GbE/SD/MicroSD, 12"/30cm Cable, Travel Dock, Laptop Docking Station

Product ID: 120B-USBC-MULTIPORT



This USB Type-C Multiport Adapter with DP 1.4 Alternative Mode, DSC and MST, supports dual-HDMI (HDR) video with resolutions of up to 4K 60Hz uncompressed video. The mini travel dock turns your Dell XPS, Lenovo X1 Carbon, HP Elite/ProBook, or other USB-C laptop into a workstation, anywhere you go. The USB-C docking station provides dual HDMI outputs, a 2-port USB 3.2 Gen 1 Type-A (5Gbps) Hub including a BC 1.2 port to power and charge a USB peripheral, SD and MicroSD card readers, and a Gigabit Ethernet port, all through one connection to your laptop's USB-C or Thunderbolt 3/4 port. In addition, it offers advanced charging through USB Power Delivery (PD) 3.0 pass-through via an integrated 12-inch (30 cm) USB-C host cable, for more set up flexibility.

The compact docking station connects your laptop to two HDMI monitors, creating a powerful workstation. It supports DP 1.4 Alt Mode with DSC and MST, for uncompressed video performance up to dual 4K (3840 x 2160p) at 60Hz, depending upon your host computer. The dock also supports the use of ultrawide monitors.

Video performance, such as resolution and refresh rate across both monitors, is dependent upon your host computer and its video controller. A source device with support for DisplayPort 1.4, paired with DSC and DP 1.4 enabled HDMI displays, are required to achieve dual 4K 60Hz. Please review the specifications of your computer and displays, to determine expected video performance. StarTech.com performs rigorous performance benchmarks with all major computer models. The video performance results of our testing are listed below:

The USB-C to USB 3.2 Gen 1 (5Gbps) hub provides two USB-A ports for connecting your USB devices.

A versatile dock solution for use at your office desk, home office, hotel desk, or in the boardroom. It's portable enough to be carried in your bag / backpack for mobile use. The USB-C dock can operate with bus-power alone, , or with a USB-C power adapter connected to the pass-through port - for full laptop and peripheral charging. The lightweight docking station features a built-in 12 in (30 cm) USB-C host cable.

Access your multimedia content with ease. The multiport adapter provides direct access to your SD / SDHC / SDXC or microSD (uSD) memory cards.

With support for USB PD 3.0 (up to 100W), the USB Type-C multiport adapter enables you to power and charge your laptop and a USB peripheral, when a USB-C power adapter is connected to the pass-through port. PD 3.0 features

Fast Role Swap (FRS) which prevents USB data disruption when switching power sources (e.g., USB-C power adapter to bus power).

The Gigabit Ethernet port ensures reliable wired network access. Support for WoL allows you to boot the host computer from a remote location.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

Advanced Windows Layout Utility: To setup and save custom windows layouts.

MAC Address Pass-Through Utility: To improve network security.

USB Event Monitoring Utility: To track and log connected USB devices.

Wi-Fi Auto Switch Utility: Enable users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit: www.startech.com/connectivity-tools

The 120B-USBC-MULTIPORT is backed by a StarTech.com 3-year warranty and free lifetime multilingual technical support.

Certifications, Reports and Compatibility

Applications

• Home office IT deployment, ideal for traveling between the home and office

• Charge your tablets and smartphones from the B.C 1.2 USB-A port

Features

• 8-IN-1 MULTIPORT ADAPTER: USB-C dock features DP 1.4 Alt Mode w/DSC & MST supporting up to Dual 4K 60Hz (4K 30Hz w/DP1.2) HDMI 2.0b HDR; 2-port USB-A 3.2/3.1 Gen1 5Gbps hub; 1x BC 1.2/7.5W Fast Charge; 100W PD Passthrough, SD/MicroSD reader, GbE

• HIGH-PERFORMANCE DUAL VIDEO: Supports dual-HDMI 2.0b uncompressed video up to 4K 60Hz via MST (video performance depends upon host computer's GPU, DP 1.4 w/DSC req. for dual 4K 60Hz); Supports ultrawide 21:9 aspect ratios & lower resolutions such as 1080p

• VERSATILE POWER: USB bus powered or via external USB-C power adapter; 100W USB Power Delivery 3.0 pass through w/15W reserved for adapter to avoid video flickering, device dropouts, or overdrawing power common in other hubs; up to 85W for laptop charging

• EASY INSTALLATION: Extended connectivity with attached 12in (30cm) USB Type-C host cable; Automatic driver setup; Ideal for office or work-from-home workstations, and presenting from a boardroom, or conferencing with remote workers using Zoom/MS Teams

• COMPATIBILITY: USB-C travel docking station is compatible with Windows-based USB-C & Thunderbolt 3/4/USB4 laptops such as HP, Dell, Lenovo, Surface Laptop 3 and up/Pro 7 and up, Chromebooks; Supports Windows, ChromeOS and Ubuntu 20.04 Kernel 5.15 and up

General

UPC	065030895576
Package Quantity	1
Warranty	3 Years

Special Notes / Requirements

Special Notes	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 and DP alt mode. The adapter can connect to a host laptop's USB-C port that doesn't support USB Power Delivery. However, in this configuration if a power adapter is connected to the multifunction adapter, it will not pass power through to your host laptop. A 4K-capable display is required to achieve 3840 x 2160p resolution (4K is also known as 4K x 2K). A 4K-capable computer is required to achieve 3840 x 2160p resolution (4K is also known as 4K x 2K). USB 3.2 Gen 1 (5Gbps) is also known as USB 3.1 Gen 1 (5Gbps) and USB 3.0 (5Gbps). Your laptop might have specific charging requirements. For example, if your laptop requires exactly 60W of power and an adapter consumes some of the 60W, your laptop might not recognize that it is getting enough power. For more information about Power Delivery, refer to the manufacturer of your hardware.
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). For a multi-monitor configuration, the computer must support MST

		Optional: USB-C power adapter (for example, your laptop's USB-C based power adapter).
Power		
	Power Source	Bus Powered and Host USB-C Power Adapter
	Power Delivery	100W
	Output Voltage	5 DC
	Power Consumption	15W
Physical & Environmental		
	Color	Space Gray
	Material	Aluminum
	Cable Length	11.8 in [30 cm]
	Product Length	2.3 in [59.0 mm]
	Product Width	5.7 in [14.5 cm]
	Product Height	0.6 in [14.0 mm]
	Weight of Product	5.8 oz [165.0 g]
	Operating Temperature	0C to 45C (32F to 133F)
	Storage Temperature	-10C to 70C (14F to 185F)
	Humidity	10~90% RH (Non-condensing)
Performance		
	Maximum Data Transfer Rate	5 Gbps
	Type and Rate	USB 5Gbps
	UASP Support	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Wake-On-LAN (WOL)	Yes
	Maximum Digital Resolutions	Up to dual 4K (3840 x 2160p) 60Hz

Hardware		
	Fast-Charge Port(s)	Yes
	4K Support	Yes
	Displays Supported	2
	Interface	USB 3.2 Gen 1
	Number of Displays	2
	Industry Standards	HDMI 2.0
		HDR10
		DisplayPort 1.4
		USB 3.2 Gen 1 (5Gbps)
		USB Power Delivery Specification Rev. 3.0
	Chipset ID	VIA - VL103
		VIA - VL817S
		Genesys Logic - GL3224
		Realtek - RTL8153E (I)-CG
		Synaptics - VMM6200
	LED Indicators	1 - Connection state/activity LEDs under GbE port.
Packaging & In-the-Box		
	Included in Package	1 - USB-C Multiport Adapter
		1 - Quick-Start Guide
	Package Width	5.6 in [14.2 cm]
	Package Depth	6.8 in [17.3 cm]
	Package Height	1.3 in [32 mm]
	Shipping (Package) Weight	6.6 oz [186 g]

Connector(s)

Host Connector 1 (Quantity)	1
Host Connector 1	USB-C (5Gbps, 4.5W)
Connector 1 (Quantity)	2
Connector 1	HDMI
Connector 2 (Quantity)	2
Connector 2	USB-A (5Gbps, 4.5W)
Connector 3 (Quantity)	1
Connector 3	RJ-45
Connector 4 (Quantity)	1
Connector 4	SD Card Slot
Connector 5 (Quantity)	1
Connector 5	Micro SD Card Slot
Connector 6 (Quantity)	1
Connector 6	USB-C (100W PD Only)

Product appearance and specifications are subject to change without notice.