USB-C Triple-Monitor Multiport Adapter, Dual 4K 60Hz + 4K 30Hz HDMI & DisplayPort, 4-Port USB Hub, 100W PD Pass-Through, GbE, SD/MicroSD Card Readers

Product ID: 154B-USBC-MULTIPORT



This USB Type-C Multiport Adapter utilizes DP 1.4 Alt Mode and MST from a host computer to support up to three displays. The USB-C dock provides 1x HDMI, 2x DisplayPort, a 4-Port USB Hub, SD and Micro SD Card Reader and a GbE, all through one connection to a laptop's USB-C or Thunderbolt 3/4 port. It offers advanced charging through a dedicated USB-C Power Delivery (PD) 3.0 pass-through port via an integrated 1 ft. (30 cm) USB-C host cable. The USB-C Multiport Adapter features driverless installation for hassle-free setup.

The USB-C Multiport Adapter enhances video connectivity with support for up to three external monitors with resolutions up to 1x 4K (3840 x 2160p) at 30Hz and 2x 4K (3840 x 2160p) at 60Hz (Intel 11th Gen or later with DSC required for maximum performance). The Multiport Adapter features one HDMI 2.0b port and two DisplayPort 1.4 ports, providing a combination of video outputs types. The Multiport Adapter utilizes the integrated or discrete GPU capabilities of the connected laptop to enable high performance graphics with minimal CPU usage.

Video performance, such as resolution and refresh rate across all three monitors, is dependent upon the host computer's graphics processing unit (GPU). A source device with support for DisplayPort 1.4 with DSC and MST is required to achieve maximum performance. Please review the specifications the host computer and the monitors to determine expected video performance.

The USB-C to USB 3.2 Gen 1 (5Gbps) hub features four USB-A ports (2x USB 5Gbps, 2x USB 2.0) for connecting USB HID devices and/or peripherals (e.g., storage devices).

The mini docking station features a built-in 1 ft. (30 cm) USB-C host cable with a high-quality TPE jacket and strain relief, for enhanced durability and longevity. It also features a durable aluminum housing.

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

Connect a USB-C power adapter to the pass-through port in order to charge the host laptop supporting 100W USB Power Delivery pass-through with 15W reserved for adapter & up to 85W for host laptop charging.

The Gigabit Ethernet port ensures reliable wired network access. Support for Wake on Lan (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

Certifications, Reports and Compatibility



Applications

• Run multiple applications on extended displays

• Travel between the home and office

Features

• HIGH PERFORMANCE TRIPLE 4K: Driverless setup (no drivers required); provides a combination of 2x DisplayPort 1.4 & 1x HDMI 2.0b outputs; 4-port USB-A Hub (2x USB 5Gbps, 2x USB 2.0); Gb Ethernet; 3.5mm headset port; SD/MicroSD reader; 100W PD Pass-Through

• FLEXIBLE MULTIMONITOR OUTPUT: Triple, Dual, or Single monitors up to 2x 4K 60Hz and 1x 4K 30Hz (Intel 11th Gen or later with DSC required for max performance); Utilizes integrated or discrete laptop GPU for uncompressed video and low CPU usage

• EXTRA LONG CABLE & DURABLE BUILD: Built-in 1ft (30cm) host cable features high-quality TPE jacket & strain relief for enhanced durability & longevity; Rugged aluminum housing; 4-Port USB Type-A Hub; SD/MicroSD reader provides direct access to memory cards

• COMPATIBILITY: Travel Docking Station for USB-C, USB4, TB3 and TB4 computers running Windows & ChromeOS; Features 100W PD pass-through with 15W reserved for adapter & up to 85W for host laptop charging; Works w/DP 1.2 Alt Mode at lower resolutions

• OUR ADVANTAGE: Included connectivity tools for IT Pros and IT help-desk support teams with Network MAC Address Pass-Through for network security, WiFi Auto Switching for improved network performance, USB Event Monitoring, and Windows Layout

Hardware

Warranty	3 Years
4K Support	Yes
Fast-Charge Port(s)	No
Displays Supported	3
Audio	Yes
Interface	USB 3.2 Gen 1 (5Gbps)
Bus Type	USB-C
Industry Standards	HDMI 2.0b
	DisplayPort 1.4
	USB Power Delivery Specification Rev. 3.0
	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Chipset ID	VIA - VL102
	VIA - VL817
	Synaptics - VMM5320
	Realtek - RTL8153
	Solid State System - SSS1700
	Genesys Logic - GL823K

Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	USB 3.2 Gen 1 (5 Gbps)
Maximum Digital Resolutions	Triple Display:
	3840 x 2160 60Hz

		3840 x 2160 60Hz 3840 x 2160 30Hz Dual Display: 3840 x 2160 60Hz 3840 x 2160 60Hz GPU CAPABILITIES: A laptop with a discrete video card is recommended for maximum dual or triple display performance. Must also support DP 1.4 Alt-Mode with DSC. Please verify maximum number of displays supported by your GPU; Some GPU chips (such as Intel HD Graphics) are only capable of supporting a maximum of three displays (laptop screen may be disabled when connected to three monitors)
	Type and Rate	USB 3.2 Gen 1 - 5 Gbit/s
	UASP Support	Yes
	Compatible Networks	10/100/1000 Mbps
	PXE	Yes
	Full Duplex Support	Yes
Connector(s)		
	External Ports	1 - HDMI (19 pin) 2 - DisplayPort (20 pin) 1 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps) 2 - USB 2.0 Type-A (4 pin, 480Mbps) 1 - USB Type-C (24 pin) USB Power Delivery Only 1 - RJ-45 1 - 3.5 mm Mini-Jack (4 Position) 1 - SD / MMC 1 - MiniSD / MicroSD / MMC Slot
	Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

Software		
	OS Compatibility	Windows 10, 11, 11 ARM, Windows 8.1, Chrome OS 78.x
Special Notes / Requirements		
	System and Cable Requirements	A Windows or ChromeOS based computer with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB-C Power Delivery, DP alt mode and MST)
	Note	Ensure computer drivers, firmware, and operating system are up to date prior to using the docking station
Indicators		
	LED Indicators	2 - Connection state/activity LEDs under GbE port
Power		
	Power Source	Bus Powered and Host USB-C Power Adapter
	Power Consumption (In Watts)	15W
Environmental		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	5~90% RH (Non-condensing)
Physical Characteristics		
	Color	Space Gray
	Material	Aluminum and Plastic
	Cable Length	11.8 in [30 cm]
	Product Length	5.1 in [13.0 cm]
	Product Width	2.2 in [5.6 cm]
	Product Height	0.6 in [1.6 cm]
	Weight of Product	3.7 oz [106.0 g]
Packaging Information		
	Package Length	5.1 in [12.9 cm]

	Package Width	9.6 in [24.5 cm]
	Package Height	1.3 in [3.3 cm]
	Shipping (Package) Weight	6.7 oz [190.0 g]

What's in the Box

	Included in Package	1 - USB-C Multiport Adapter
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.