USB C Docking Station, Dual 4K 60Hz HDMI compatible with MacBook Pro (M1/M2/M3/M4) and Windows, USB-A/USB-C 10Gbps Hub, 100W Power Delivery, GbE, SD, 22in/56cm Cable

Product ID: 102B-USBC-MULTIPORT



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This USB-C Mini Dock / Multiport Adapter supports up to dual 4K 60Hz HDMI 2.0 converting your Dell XPS, MacBook or other USB-C laptop or tablet into a workstation, anywhere you go. The USB Type-C Multiport Adapter features 2x HDMI video outputs, a 2-Port USB 3.2 Gen 2 (10 Gbps) Hub (1x USB-A with B.C 1.2 charging, and 1x USB-C), an SD card reader, and Gigabit Ethernet. The adapter connects to your host computer's USB-C, USB4, or Thunderbolt 3/4 port. Charge your host laptop and any attached USB peripherals by connecting the host laptop's power supply to the dedicated USB Power Delivery (PD) 3.0 port. The Multiport Adapter features an extra-long attached 22-inch (55 cm) host cable - for an extended reach, to offer more set up flexibility.

The Mini Docking Station is DisplayLink Certified and supports high-performance dual-monitor 4K 60Hz video resolution with an integrated DisplayLink DL-6950 Controller. Multi-monitor performance makes this dock ideal for high-resolution applications such as video editing and graphic design. The Multiport Adapter supports ultrawide 21:9 aspect ratios, and lower resolutions like 1920x1200/1080p.

The USB-C to USB 3.2 Gen 2 hub features two downstream 10 Gbps USB ports, including 1x USB-C data port for connecting your USB-C peripherals, and 1x USB-A data + 7.5W BC 1.2 charging port for connecting and charging USB-A peripherals.

A versatile dock solution for use at your office, home office, hotel, or in the boardroom, and is portable enough to be carried in your bag or backpack for mobile use. This lightweight USB-C Adapter can operate with bus-power alone, or use the dedicated USB-C Power Delivery port to connect a USB-C power adapter (not included with Multiport Adapter) for laptop charging.

Access your multimedia content with ease. The Multiport Adapter provides direct access to your SD, SDHC and SDXC memory cards.

With support for USB Power Delivery 3.0 pass through (up to 82W for charging), the USB Type-C Multiport Adapter allows you to power and charge your laptop, when connected to a USB-C power source. PD 3.0 features Fast Role Swap (FRS) to prevent USB data disruption when you switch power sources (USB-C power adapter to bus power).

This allows you to charge the connected host device, as well as any devices connected to the USB-A BC 1.2 charging port.

The Gigabit Ethernet port ensures reliable wired network access, with support for PXE Boot and WoL.

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 Window Layout Utility: To set up and save custom window layouts.

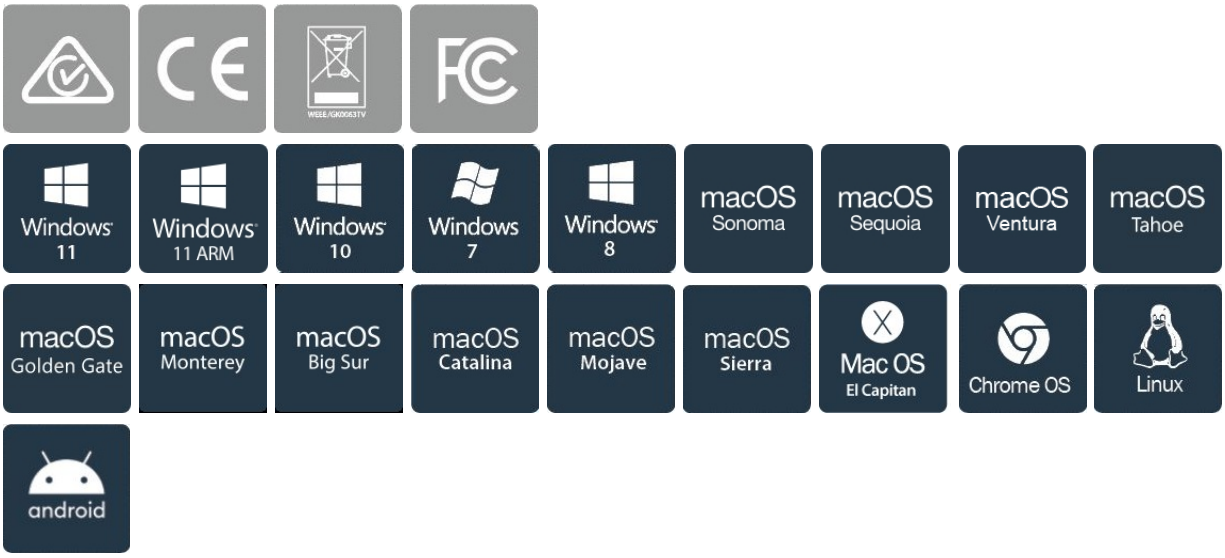
MAC Address Pass-Through Utility: To improve network security.

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

Wi-Fi Auto Switch Utility: Enabling 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

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

• Charge your tablets and smartphones from the BC 1.2 USB-A port

Features

• FULL-FEATURED MINI DOCK: Compact USB Type-C dock w/ Dual 4K 60Hz HDMI 2.0 video; 2-Port USB 10Gbps hub with 1x USB-A Data + 7.5W BC 1.2 Fast Charge & 1x USB-C Data; SD 4.0 card reader (160MB/s); Gigabit Ethernet; Bus-powered

• DUAL DISPLAY ON MACBOOK AIR: Enable dual extended monitors on a MacBook Air / Pro (Apple M1/M2/M3) that does not natively support more than 1 external display; Compatible with USB-C, USB4, and Thunderbolt laptops supporting up to Dual 4K 60Hz monitors

• WORKS WITH ANY LAPTOP: Simplify your deployment with a USB-IF and VESA-compliant, DisplayLink-certified docking station that delivers optimal performance and universal compatibility with any laptop (Windows, macOS, and Ubuntu) or Chromebook (ChromeOS)

• RELIABLE PERFORMANCE: Connect an external USB-C power adapter for 100W Power Delivery 3.0 pass through; 18W is reserved for the adapter to avoid video flickering, device dropouts or power overdraw that is common in other hubs, up to 82W for laptop charging

• IT-PRO ADVANTAGES: 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 and USB Event Monitoring

General

UPC	065030893961
Package Quantity	1
Warranty	3 Years

Special Notes / Requirements

Special Notes	Linux Support Note(s): Linux Ubuntu 18.04, 20.04 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. 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). USB 3.2 Gen 2 (10Gbps) is also known as USB 3.1 Gen 2 (10Gbps). 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). 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	18W
Physical & Environmental		
	Color	Space Gray
	Material	Plastic
	Cable Length	21.7 in [55 cm]
	Product Length	4.7 in [12.0 cm]
	Product Width	4.7 in [12.0 cm]
	Product Height	1.0 in [25.0 mm]
	Weight of Product	8.8 oz [250.0 g]
	Operating Temperature	0C to 35C (32F to 95F)
	Storage Temperature	-25C to 65C (-13F to 149F)
	Humidity	0~95% RH (Non-condensing)
Performance		
	Maximum Data Transfer Rate	10Gbps
	Type and Rate	USB 10Gbps
	UASP Support	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	PXE	Yes

	Wake-On-LAN (WOL)	Yes
	General Specifications	Maximum Laptop Charging: 82W
	MTBF	184,713 Hours
	Maximum Digital Resolutions	Dual 4K (4096x2160) 60Hz

Hardware

	Fast-Charge Port(s)	No
	4K Support	Yes
	Displays Supported	2
	Interface	USB 10Gbps
	Number of Displays	2
	Industry Standards	HDMI 2.0
		USB 3.2 Gen 2 (10Gbps)
		USB Power Delivery Specification Rev. 3.0
	Chipset ID	VIA - VL103R-Q4
		VIA - VL822-Q8
		ASMedia - ASM1541
		Genesys Logic - GL3232S
		Realtek - RTL8211F
		DisplayLink - DL-6950

Packaging & In-the-Box

	Included in Package	1 - USB-C Multiport Adapter
		1 - Quick-Start Guide
	Package Width	6.7 in [17.1 cm]
	Package Depth	5.4 in [13.8 cm]
	Package Height	1.8 in [46 mm]

	Shipping (Package) Weight	11.2 oz [316 g]

Connector(s)

Host Connector 1 (Quantity)	1
Host Connector 1	USB-C (10Gbps, 4.5W)
Connector 1 (Quantity)	2
Connector 1	HDMI
Connector 2 (Quantity)	1
Connector 2	USB-C (10Gbps, 4.5W)
Connector 3 (Quantity)	1
Connector 3	USB-A (10Gbps, 7.5W)
Connector 4 (Quantity)	1
Connector 4	SD Card Slot
Connector 5 (Quantity)	1
Connector 5	RJ-45
Connector 6 (Quantity)	1
Connector 6	USB-C (100W PD Only)

Product appearance and specifications are subject to change without notice.