Dual-Monitor USB-C Docking Station, DisplayPort & HDMI or VGA, Multi Monitor Dock up to 4K 60Hz - USB 3.2/3.1 (5Gbps) Type-C Dock - 7x USB Hub, 85W PD, Windows & ChromeOS

Product ID: 101N-USBC-DOCK

This USB Type-C Docking Station expands the connectivity of a USB-C laptop, enabling support for dual monitors and adding seven downstream USB ports. The USB-C Dock features driverless installation. It's compatible with USB-C and Thunderbolt 3/4 computers and works with Windows and ChromeOS computers. The Dock features a locking USB-C host port and includes a USB-IF Certified 3.3ft (1m) locking host cable.

The docking station provides DisplayPort 1.4, HDMI 2.0b and VGA video outputs with support for dual or single video output configurations, creating a powerful workstation. It supports DP 1.4 Alt Mode with MST allowing for uncompressed video performance up to dual 2560x1440 at 60Hz, or single-4K 60Hz on the DisplayPort and HDMI video outputs. Connect a DisplayPort monitor and choose between HDMI or VGA for the second display. This provides users with the flexibility to enjoy dual-monitor functionality with different connectivity options, based on preference or available monitors.

Video performance, such as resolution and refresh rate across both monitors, is dependent upon the host computer and it's video controller. A source device with support for DisplayPort 1.4 and MST is required to achieve maximum performance. Please review the below chart and the specifications of your computer and displays to determine the expected video performance.

Connect the docking station to the host computer's USB 3.2 Gen 1 (5Gbps) Type-C port to access a wide range of port connectivity and features, including seven downstream USB ports with a variety of speeds and connector types. The docking station features:

• 1x DisplayPort 1.4 port for connecting an Ultra-High Definition monitor with support for resolutions up to 4K 60Hz.

• 1x HDMI 2.0b port with HDR for connecting an Ultra-High Definition monitor with support for resolutions up to 4K 60Hz.

• 1x VGA port for connecting a Full High-Definition monitor with support for resolutions up to 1080p/1920x1200.

• 2x USB-A (USB 3.2 Gen 1 5Gbps) ports for connecting high speed USB peripherals, such as SSD storage.

• 4x USB-A (USB 2.0 480Mbps) ports for USB HID devices, such as a keyboard and mouse.

• 1x USB-C (USB 3.2 Gen 1 5Gbps) ports for connecting high speed USB peripherals, such as SSD storage.

• 2x K-Slots (regular/nano) to tether the dock with a cable lock (sold separately) for security.

• Front facing Power Button to turn the dock on/off.

This dock is designed with a mounting pattern that enables it to be mounted when paired with StarTech.com mounting accessories (sold separately). With our mounting accessories, the dock can easily be attached to the VESA pattern on the back of a monitor, or to any flat surface, providing a clutter-free workspace. The mounting pattern ensures a secure fit, and the accessories are easy to install. The following mounts are compatible with this product:

• SSPMSUDWM - Docking Station Surface Mount

• SSPMSVESA - Docking Station VESA Mount

The USB-C docking station supports 85W power delivery, facilitated by the included power adapter. With power delivery, users can confidently charge their devices while using the docking station. The provided power adapter ensures a consistent and stable power supply, allowing for uninterrupted productivity and device functionality.

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: Setup and save custom windows layouts.

USB Event Monitoring Utility: Track and log connected USB devices.

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

Certifications, Reports and Compatibility

Applications

• Add dual displays to a USB-C laptop

• Expand the connectivity of a USB-C laptop with 7x USB ports

Features

• 7-PORT USB HUB: The dock features a wide variety of extra USB ports for device connectivity; 2x USB 3.2 Type-A (5Gbps) front facing ports, 1x USB 3.2 5Gbps Type-C front facing port, 4x USB 2.0 Type-A HID rear facing ports; Features Driverless installation

• FLEXIBLE MULTIMONITOR OUTPUT: Provides video versatility with DisplayPort (DP) 1.4, HDMI 2.0b and VGA display outputs; Choose between single or dual video; For dual video pair DP as the primary output with HDMI or VGA as the secondary output

• HIGH-PERFORMANCE VIDEO: Supports up to 2x 2560x1440 60Hz through DP & HDMI ports or single 4K 60Hz (Intel 11th Gen or higher with DP 1.4 Alt Mode & MST req. for max performance); 1080p VGA; MST utilizes laptop GPU for uncompressed video & low CPU usage

• DEVICE SECURITY: Includes USB-IF Certified 3.3ft (1m) Locking USB-C host cable; Locking USB-C host port; Mounting holes for optional bracket; K-slot and Nano Slot; USB Event Monitoring & Windows Layout utilities

• 85W POWER DELIVERY 3.0: The port replicator includes a fully spec'd power adapter that provides full power to laptop and peripheral devices unlike consumer docks that use SMART power; Front-facing power button to turn docking station on/off

Hardware

	Warranty	3 Years
	4K Support	Yes
	Fast-Charge Port(s)	No
	Displays Supported	2
	Interface	USB 3.2 Gen 1 (5Gbps)
	Bus Type	USB-C
	Industry Standards	DisplayPort 1.4 Alt Mode (USB-C Host Port)
		DisplayPort 1.4
		HDMI 2.0b
		USB 3.2 Gen 1 (5Gpbs)
		USB Power Delivery 3.0
	Chipset ID	Realtek - RTD2142
		Realtek - RTS5450M
		Realtek - RTS5451
		Realtek - RTS5411S

Terminus - FE1.1s

Performance

	Maximum Data Transfer Rate	5 Gbps
	Maximum Digital Resolutions	<u>DisplayPort:</u>
		Single Display: 4K (3840 x 2160p) at 60Hz
		Dual Display: 2560 x 1440 at 60Hz
		<u>HDMI:</u>
		Single Display: 4K (3840 x 2160p) at 60Hz
		Dual Display: 2560 x 1440 at 60Hz
		<u>VGA:</u>
		Dual or Single Display: 1080p (1920x 1200/1080p) at 60Hz
	Type and Rate	USB 3.2 Gen 1 - 5 Gbit/s
	UASP Support	Yes

Connector(s)

	External Ports	1 - HDMI (19 pin)
		1 - DisplayPort (20 pin)
		1 - VGA (15 pin, High Density D-Sub)
		1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
		2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
		4 - USB 2.0 Type-A (4 pin, 480Mbps)
	Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

Software

	OS Compatibility	Windows 7, 8, 8.1, 10, 11<br / >Chrome OS

Special Notes / Requirements

	System and Cable Requirements	For a multi-monitor configuration, the computer must support MST. If the computer doesn't support MST, both displays will

show the same video signal.

Note	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.

Indicators

LED Indicators	1 - Power LED

Power

Power Source	AC Adapter Included
Power Delivery	85W
Input Voltage	100 - 240 AC
Input Current	2.37A
Output Voltage	20V DC
Output Current	6.75A
Plug Type	CP (OD:7.4/ID:5.1/CPD:0.6)
Power Consumption (In Watts)	135W

Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 70C (-4F to 185F)
Humidity	0~95% RH (Non-condensing)

Physical Characteristics

Color	Space Gray
Material	Plastic
Product Length	3.1 in [8.0 cm]
Product Width	7.3 in [18.5 cm]

Product Height	1.2 in [3.1 cm]	
Weight of Product	9.7 oz [275.0 g]	

Packaging Information

Package Length	8.7 in [22.2 cm]
Package Width	4.2 in [10.7 cm]
Package Height	5.1 in [13.0 cm]
Shipping (Package) Weight	2.3 lb [1.0 kg]

What's in the Box

Included in Package	1 - USB-C Docking Station
	1 - 3.3ft [1m] USB-C Host Cable (Screw Locking)
	1 - Universal Power Adapter (North America)
	1 - Quick-Start Guide

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