USB-C Triple Monitor Docking Station for MacBook Pro / Air M1 M2 M3 M4 & Windows, Universal 4K HDMI DP Dock, Thunderbolt Compatible, 100W Laptop Charging

Product ID: 116N-USBC-DOCK

This USB-C Triple 4K Monitor Docking Station enables wide workstation flexibility, featuring compatibility with USB-C, or Thunderbolt 3/Thunderbolt 4 laptops, and supporting multiple combinations of Ultra HD 4K DisplayPort and HDMI monitors.

This triple-4K docking station uses a combination of its integrated DisplayLink graphics controller and your computer's DP Alt Mode enabled USB-C port to provide three independent 4K displays.

Connect any combination of HDMI and/or DisplayPort monitors to Video Ports 1 and 2 (DisplayLink), at resolutions up to 4K at 60Hz. Connect an HDMI monitor to Video Port 3 (DP Alt-Mode), at resolutions up to 4K at 30Hz. This high-resolution video performance is ideal for detailed graphics applications, enhancing your productivity by expanding the display capabilities of your laptop.

Connect the docking station to your computer's USB 3.2 Gen 2 (10Gbps) Type-C port to provide a wide range of port connectivity, options and features. The docking station features:

• 2x USB-A and 1x USB-C (USB 3.2 Gen 1 5Gbps) ports for USB peripheral devices.

• 1x USB-A and 1x USB-C (USB 3.2 Gen 2 10Gbps) port that supports BC 1.2 with 7.5W (1.5A) for charging tablets and smartphones.

• 1x Gigabit Ethernet port with WoL (Wake-on-LAN) for a wired Local Area Network (LAN) connection.

• 1x 3.5mm 4-position TRRS Audio Jack for a 3.5mm headset.

The USB-C docking station supports 100W USB Power Delivery with the included power adapter. This allows you to charge the connected host device, as well as the devices connected to the BC 1.2 USB charging ports.

For added protection to connected USB devices, the BC 1.2 enabled USB charging ports feature Overcurrent Protection (OCP). OCP prevents USB peripherals from drawing more power than is safely allocated for the port.

Connect the dock to your host computer, using the included 3.3ft (1m) USB-C cable. The docking station supports all major operating systems, including Windows, macOS, ChromeOS, and Ubuntu. This dock was designed for seamless integration with any compatible USB-C equipped device within your organization, including Lenovo X1/Thinkpad P Series, Dell Latitudes/Precision/XPS 15, HP Envy, Surface Laptop 3, and M1 Pro/Max/M2 MacBooks. The dock features a side-facing K-Slot for added security in shared workspaces (e.g., BYOD hoteling/hot-desking).

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.

Mac Address Pass-Through Utility: Improve network security.
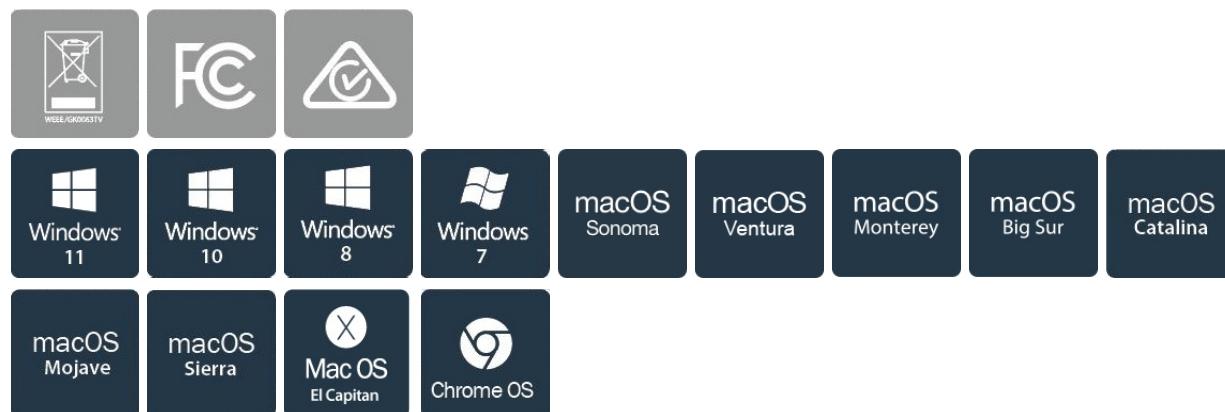
USB Event Monitoring Utility: Track and log connected USB devices.

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

This product is backed for 3-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility

Applications

• Use in laptop hot-desk workstations for hoteling

• Charge your tablets and smartphones from the B.C 1.2 USB ports

Features

• Universal USB-C Dock: High-performance dock works with all major operating systems such as Windows, MacOS, ChromeOS and Ubuntu; Ideal for mixed-device fleets and laptop refresh cycles, simplifying standardization, and user onboarding across departments

• GPU Agnostic: Bypass GPU limitations for multi-monitor setups, maximize ROI, and future-proof your IT infrastructure with a dock that ensures compatibility across all hardware platforms, including Intel, Apple Silicon, AMD, and Snapdragon X Copilot+ PCs

• Triple 4K Displays for Expanded Productivity: Connect up to three 4K monitors through a single USB C port; This dock supports two 4K 60Hz monitors via DisplayLink (HDMI 2.0 or DisplayPort 1.2) and a third 4K 30Hz HDMI display through DP 1.2 Alt Mode

• 100W Power Delivery: Docking station includes a fully spec'd power adapter to charge the host laptop while supplying power across all ports; Downstream USB and USB-C ports deliver up to 7.5W (1.5A) for mobile or battery-powered devices

• The IT Pro's Choice: Our docking stations are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability and cross-platform compatibility; Built to support large-scale deployments, Windows 11 upgrades, and the shift to AI-enabled PCs

Hardware

	Warranty	3 Years
	4K Support	Yes
	Fast-Charge Port(s)	Yes
	Displays Supported	3
	Audio	Yes
	Interface	USB 3.2 Gen 2 10Gbps
	Bus Type	USB 3.2 Gen 2
	Compatible Lock Slot	Kensington Standard Slot (K-Slot)
	Industry Standards	HDMI 2.0
		DisplayPort 1.2
		USB 3.2 Gen 2 (10Gbps)
		USB 3.2 Gen 1 (5Gbps)
		1000Base-T, 100Base-TX, 10Base-T (IEEE802.3ab compliant)
		Wake-on-LAN (WoL)
	Chipset ID	DisplayLink - DL-6950-N
		VIA - VL817C0
		Parade - PS176C0

Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	10Gbps
Maximum Digital Resolutions	2x HDMI and/or DisplayPort: 4K (4096 x 2160) 60Hz
	1x HDMI (via DP Alt Mode): 4K (4096 x 2160) 30Hz
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
Supported Charging Outputs	BC 1.2 (1.5A)
Compatible Networks	10/100/1000 Mbps
MTBF	44,877 Hours

Connector(s)

External Ports	3 - HDMI (19 pin)
	2 - DisplayPort (20 pin)
	1 - USB 3.2 Type-A (9 Pin, Gen 2, 10Gbps, 7.5W Power)
	1 - USB 3.2 Gen 2 USB Type-C (Fast-Charge, 24 Pin, 10 Gbps)
	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
	2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
	1 - 3.5 mm Mini-Jack (4 Position)
	1 - RJ-45
Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 2, 10Gbps)

Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11, 11 ARM<br / >macOS 10.11 to 10.12, 10.14 to 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1<br / >Ubuntu 18.04, 20.04, 22.04, 24.04<br / >Android <br / >ChromeOS

Special Notes / Requirements

System and Cable Requirements	A host device with an available USB-C port (to ensure full adapter functionality, the host device's USB-C port must support USB Power Delivery 2.0 and DP alt mode).

Note	Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure your host device's USB-C port supports USB Power Delivery and DP alt mode.
	A 4K-capable display is required to achieve 4096 x 2160p/3840 x 2160p resolution.
	A 4K-capable computer is required to achieve 3840 x 2160p resolution (4K is also known as 4K x 2K) on the DP Alt-Mode HDMI port.
	USB 3.2 Gen 1 (5Gbps) is also known as USB 3.1 Gen 1 (5Gbps) and USB 3.0 (5Gbps).

Indicators

LED Indicators	1 - Power LED (white)

Power

Power Source	AC Adapter Included
Power Delivery	100W
Input Voltage	100 - 240 AC
Input Current	2.5 A
Output Voltage	24 DC
Output Current	5.41 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	15W

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-10C to 55C (14F to 131F)
Humidity	0~85% RH (Non-condensing)

Physical Characteristics

Color	Space Gray
Material	Plastic

	Product Length	7.5 in [19.0 cm]
	Product Width	3.3 in [8.5 cm]
	Product Height	1.2 in [3.0 cm]
	Weight of Product	12.4 oz [350.0 g]

Packaging Information

	Package Length	8.1 in [20.7 cm]
	Package Width	10.0 in [25.3 cm]
	Package Height	2.0 in [5.1 cm]
	Shipping (Package) Weight	2.4 lb [1.1 kg]

What's in the Box

	Included in Package	1 - USB-C Docking Station
		1 - 3 ft [1 m] USB-C Host Cable
		1 - Power Adapter (North America)
		1 - Quick-Start Guide

Warranty Information

	Warranty	3 Years

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