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.

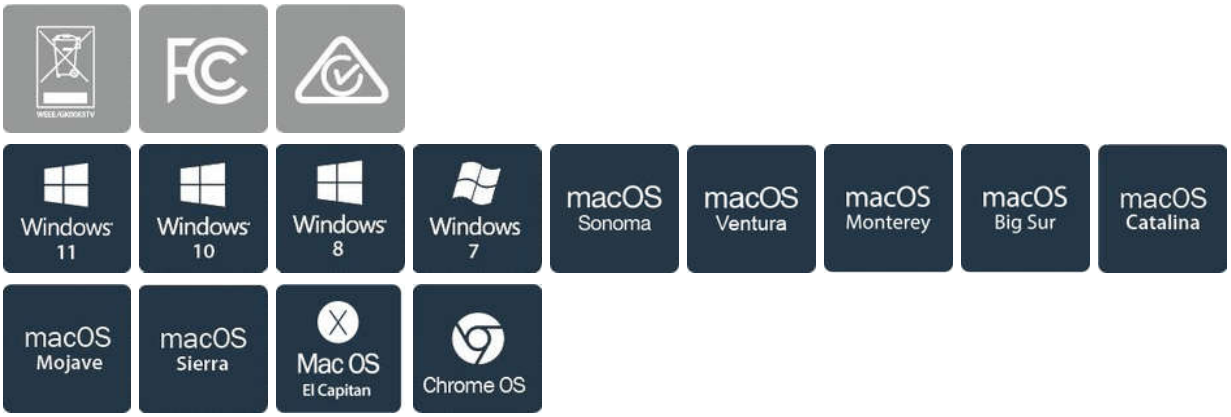
USB Event Monitoring Utility: Track and log connected USB devices.

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

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**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 |

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| **Performance** | | |
| | Wake On Lan | Yes |
| | Maximum Data Transfer Rate | 10Gbps |
| | Maximum Digital Resolutions | 2x HDMI and/or DisplayPort: 4K (4096 x 2160) 60Hz<br>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)<br>2 - DisplayPort (20 pin)<br>1 - USB 3.2 Type-A (9 Pin, Gen 2, 10Gbps, 7.5W Power)<br>1 - USB 3.2 Gen 2 USB Type-C (Fast-Charge, 24 Pin, 10 Gbps)<br>1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)<br>2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)<br>1 - 3.5 mm Mini-Jack (4 Position)<br>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). |

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| | 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.<br><br>A 4K-capable display is required to achieve 4096 x 2160p/3840 x 2160p resolution.<br><br>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.<br><br>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 |

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|---|---|---|
| | 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.***