

Dual-Monitor USB4 Docking Station, Dual 4K 120Hz or Single 8K 60Hz HDMI, 100W Laptop Charging, 2.5GbE, USB-C Multi-Monitor Dock, Driverless

Product ID: 155NA-USB4-DOCK



This USB4 (USB-C 40Gbps) docking station uses a single USB4 or Thunderbolt port on a host computer to add high-performance connectivity while charging the laptop.

The dock is equipped with 2x HDMI 2.1 video outputs for connecting dual monitors to the host computer. The dock supports dual-monitors with support for resolutions up to dual 4K 60Hz at 4:4:4 (RGB) or dual 4K 120Hz at 4:2:2. A single display workstation is also supported at resolutions up to 8K 30Hz 4:4:4 (RGB) or 8K 60Hz at 4:2:2.

The docking station utilizes the high 40Gbps throughput available from a Thunderbolt 4/3, or USB4 port to provide a wide range of port connectivity to suit a variety of applications.

The dock features:

- 2x HDMI ports to connect displays.
- 6x USB Hub (2x 10Gbps USB Type-A, 2x USB Type-A 5Gbps, 1x USB Type-C 10Gbps, 1x USB-C 5Gbps) to connect USB peripheral devices.
- 1x 2.5 Gigabit Ethernet port with PXE boot and WoL to connect to a wired Local Area Network (LAN)

Includes a 180W power adapter and supports 100W USB power delivery. This enables the dock to charge the laptop, with enough additional power for all downstream ports. The 6-Port USB hub includes a 20W downstream USB-C Power Delivery port and a 7.5W BC 1.2 Downstream Charging Port (DCP) for charging tablets, smartphones or other battery-powered USB devices.

Developed to improve performance and security, Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software 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: 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

- Drive dual 4K or a single 8K monitor to extend desktops, streamline multitasking, and optimize workflows in business, finance, or office environments
- Ideal for video editors, graphic designers, and 3D modelers who rely on ultra-smooth 4K 120Hz or 8K 60Hz output for precise visual performance
- Consolidate power, display, and peripheral connections—making remote or shared desk setups faster to deploy and easier to manage

Features

- **<u>Dual 4K@120Hz over USB4</u>**: Connect two 4K 120Hz or 60Hz displays through a single USB4 or Thunderbolt 4 port with uncompressed video powered by your laptop's native GPU; Drive demanding workflows with high-performance visuals and no software compression
- **<u>Driverless Deployment</u>**: Plug-and-play on Windows and ChromeOS with no drivers or software to install (not compatible with macOS); Engineered for scalable zero-touch rollouts across shared workspaces, corporate, and BYOD environments
- **<u>2.5G Ethernet for High-Speed Networking</u>**: Transfer large files or work directly from cloud environments with a reliable 2.5GbE connection; Supports PXE Boot and Wake-on-LAN for IT-managed deployments
- **<u>Mounting and Security</u>**: Multi-monitor dock features built-in lock slots for physical security; Supports surface or VESA mounting to keep the dock secured and out of the way (mounting accessories sold separately: SSPMSUDWM, DOCK-NUC-VESA-MOUNT, SSPMSVESA)
- **<u>The IT Pro's Choice</u>**: 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	2
Interface	USB4 (40Gbps)
Bus Type	USB4 (40Gbps)
Compatible Lock Slot	Kensington Standard Slot (K-Slot) Kensington Nano Slot
Industry Standards	USB4 (40Gbps) USB 3.2 Gen 2 (10Gbps) USB 3.2 Gen 1 (5Gbps) USB Power Delivery 3.0 USB Battery Charging Specification 1.2
Chipset ID	VIA - VL830 VIA - VL163 Realtek - RTD2188-VA-CG Realtek - RTL8156BG Genesys Logic - GL9901NE

Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	40Gbps
Maximum Digital Resolutions	<u>Dual Display</u> 4:4:4 - 2x 4K (3840 x 2160) 60Hz 4:2:2 - 2x 4K (3840 x 2160) 120Hz

<u>Single Display</u>
 4:4:4 - 8K (7680 x 4320) 30Hz
 4:2:2 - 8K (7680 x 4320) 60Hz

Type and Rate	USB4 - 40 Gbit/s
UASP Support	Yes
Supported Charging Outputs	BC 1.2 (1.5A)
	USB-C (20W)
Compatible Networks	2.5G/1G/100Mbps/10Mbps
PXE	Yes
Full Duplex Support	Yes
MTBF	10,000 Hours

Connector(s)

External Ports	2 - HDMI (19 pin)
	1 - USB 3.2 Type-A (9 Pin, Gen 2, 10Gbps, 7.5W Power)
	1 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps)
	2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
	1 - USB 3.2 Type-C (24 Pin, Gen 2, 10Gbps, 20W Power)
	1 - RJ-45
Host Connectors	1 - USB4 40Gbps (Thunderbolt 4/3, USB 3.2)

Software

OS Compatibility	Windows 10, 11, 11 ARM ChromeOS
------------------	--------------------------------------

Indicators

LED Indicators	1 - Power LED
----------------	---------------

Power

Power Source	AC Adapter Included
--------------	---------------------

Power Delivery	100W
Input Voltage	100 - 240 AC
Input Current	2.5 A
Output Voltage	20V DC
Output Current	9 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	165W

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-20 to 70C
Humidity	0% to 95% (non-condensing) at 25C

Physical Characteristics

Color	Space Gray
Material	Plastic
Product Length	3.8 in [9.5 cm]
Product Width	8.3 in [21.0 cm]
Product Height	1.3 in [3.4 cm]
Weight of Product	13.8 oz [392 g]

Packaging Information

Package Length	5.7 in [14.6 cm]
Package Width	9.2 in [23.3 cm]
Package Height	3.6 in [9.1 cm]
Shipping (Package) Weight	2.6 lb [1.2 kg]

What's in the Box

Included in Package	1 - Docking Station
	1 - 3 ft [1 m] USB4 Host Cable
	1 - Universal Power Adapter (North America)
	1 - Quick-Start Guide

**Warranty
Information**

Warranty	3 Years
----------	---------

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

