

USB4 Docking Station, USB-C 40Gbps, Dual Video HDMI, Up to 2x 4K 60Hz 4:4:4 (RGB) or 2x 4K 120Hz 4:2:2, Multi-Monitor Dock, 6x USB, 2.5GbE, 100W PD

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 can support dual-monitors with support for resolutions up 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

- Connect dual 4K monitors or an 8K monitor to enhance productivity with extended desktops for multitasking in business and office environments
- Supports high-resolution monitors for graphic design, video editing, 3D modeling, and other creative tasks that require detailed visuals
- Simplify connections in work from home applications with a single cable for power, display, and peripherals, making it easy to set up and break down workstations

Features

- **HIGH-PERFORMANCE USB4 DOCK:** USB4 delivers 40Gbps data transfer speeds, and improved bandwidth for video, making this mobile docking station an ideal solution for high-performance computing & seamless device connectivity
- **DUAL 4K 60Hz/120Hz VIDEO:** 2x HDMI 2.1 ports support Dual 4K 60Hz or up to Dual 4K 120Hz / Single 8K 60hz at 4:2:2; Delivers direct GPU performance with no software or compression
- **COMPATIBILITY:** Dock is Compatible with Windows 11 (x64 and ARM), Windows 10, and ChromeOS; Optimal performance with Thunderbolt 4 and USB4 laptops; Compatible with Intel 12th Gen and later, Intel Core Ultra, AMD, and Snapdragon X Co-Pilot+ PC's
- **DEVICE SECURITY:** Secure 3.3ft (1m) USB-C locking cable for host port; Mounting holes available for optional mounting bracket; K-slot & Nano security slots; USB Event Monitoring, Mac Address Pass-Through with included Connectivity Tools software suite
- **PORTS:** 6-port USB hub (2x USA-A 10Gbps / 2x USB-A 5Gbps / 1x USB-C 10Gbps / 1x USB-C 5Gbps); 2.5Gb LAN (10/100/1000/2500Mbps, WoL/PXE); 180W power adapter charges laptop (100W PD) & powers all ports; 1x 20W USB-C, 1x 7.5W USB-A for charging USB devices

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 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)
		1 - 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)
	Host Connectors	1 - USB4 40Gbps (Thunderbolt 4/3, USB 3.2)
Software		
	OS Compatibility	Windows 10, 10 ARM, 11, 11 ARM<br / >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	4.9 oz [138.6 g]

Packaging Information

Package Length	9.3 in [23.5 cm]
Package Width	5.7 in [14.5 cm]
Package Height	3.5 in [9.0 cm]
Shipping (Package) Weight	2.6 lb [1.2 kg]

What's in the Box

Included in Package	1 - Docking Station
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1 - 3 ft [1 m] USB4 Host Cable

1 - Universal Power Adapter (North America)

1 - Quick-Start Guide

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