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: 155UE-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, 11<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	9.1 in [23.0 cm]
	Package Width	5.7 in [14.5 cm]
	Package Height	3.5 in [8.9 cm]
	Shipping (Package) Weight	3.0 lb [1.3 kg]
What's in the Box		
	Included in Package	1 - Docking Station
		1 - 3 ft [1 m] USB4 Host Cable

1 - Universal Power Adapter (EU, UK)

1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.