3-Port USB-C Hub with Ethernet - 3x USB-A - Gigabit Ethernet - USB 3.0 5Gbps - Bus-Powered - 1ft/30cm Long USB Type-C Host Cable - GbE - Portable USB-C to USB-A Hub

Product ID: HB30C3A1GEA2



This USB-C Hub with Gigabit Ethernet adds three USB-A 3.2 Gen 1 (5Gbps) ports and one Gigabit Ethernet port to a USB-C enabled computer. The bus-powered USB Hub connects to a USB-C port on a laptop computer, using the built-in 1 ft. (30 cm) host cable. This USB hub is compact in size, facilitating portability when travelling.

The USB hub features a Gigabit Ethernet adapter. The Ethernet controller is compatible with the IEEE 802.3u/ab standards and supports Wake-on-LAN (WoL), Jumbo Frames, and V-LAN Tagging. The network adapter enhances laptop network reliability, security, and performance, by utilizing wired 10/100/1000Mbps Ethernet.

The 3-port USB 3.2 Gen 1 (5Gbps) Hub adds three USB-A ports by connecting to a single USB-C port. The USB hub is backward compatible with USB 2.0 (480Mbps) devices, ensuring support for a wide range of modern and legacy USB peripherals (e.g., external storage devices, thumb drives, HDDs/SSDs, HD cameras, mice, keyboards, webcams, and audio headsets).

The USB Hub is bus-powered. It draws up to 15W of power from the USB-C host computer. Each downstream USB-A port is capable of providing up to 4.5W (5V/0.9A) of power to the connected peripherals. For added protection to connected USB devices, the USB ports feature Overcurrent Protection (OCP). OCP prevents USB peripherals from drawing more power than is safely allocated for the port.

This device is compatible with all major operating systems, including Windows, macOS, ChromeOS, iPadOS, and Android. The Hub is automatically detected and configured upon connection to a host computer. This ensures automatic installation and setting configuration with any USB-C laptop, including Thunderbolt 3, Thunderbolt 4 and USB4 computers such as Apple MacBook (Intel/M1/M2), Lenovo X1 Carbon and Dell XPS. The built-in extra long 1 ft. (30 cm) USB-C host cable ensures easy setup and reduces connector strain on 2-in-1 devices such as the Surface Pro 7, iPad Pro, HP Elite X2 and laptops on riser stands.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that is compatible with a wide variety of IT connectivity accessories. The software suite includes:

MAC Address Pass-Through Utility: Improve network security.

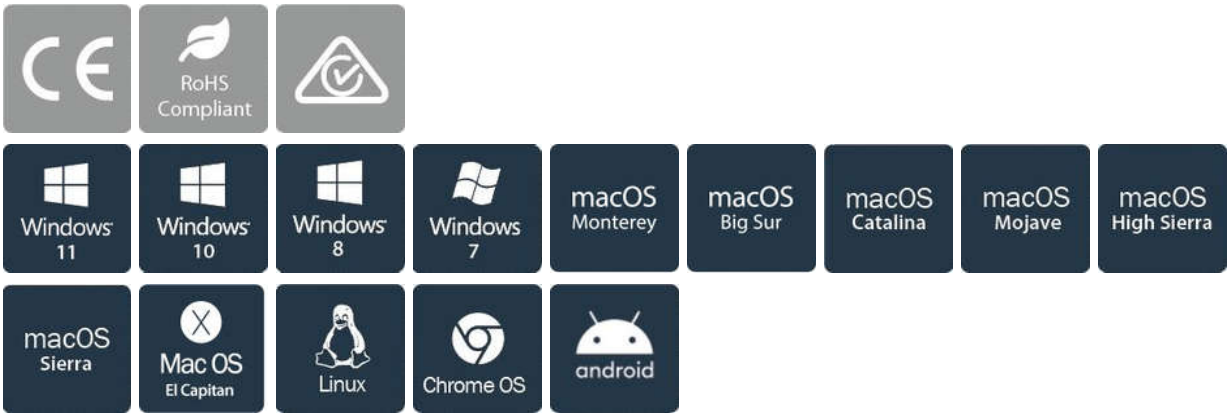
USB Event Monitoring Utility: Track and log connected USB devices.

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 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility



Applications

• Connect three USB-A peripherals and enable Gigabit Ethernet by connecting to a USB-C equipped laptop

• Carry the hub with you while you're traveling, and connect your USB devices wherever you go

• Add wired internet connectivity to the laptop in settings where Wi-Fi isn't available

Features

• USB HUB WITH ETHERNET: USB 3.2 Gen 1 (5Gbps) expansion hub features a USB-C host connector, 3x USB-A ports, and GbE - Each USB port can provide up to 4.5W dependent on bus power provided by laptop/computer, with overcurrent protection on downstream ports

• GIGABIT ETHERNET: The USB hub features a built-in GbE adapter to provide the reliability and security of wired Ethernet - The Ethernet controller is fully compatible with IEEE 802.3u/ab standards and supports WoL, Jumbo Frames, and V-LAN Tagging

• COMPATIBILITY: Supports all major operating systems, incl. Windows, macOS, Linux, iPadOS, ChromeOS, Android - Compatible w/ Thunderbolt 3/4 & USB4 host devices such as MacBook (Intel/M1/M2), Lenovo X1 Carbon, Dell XPS, Microsoft Surface - Works w/USB 2.0

• EXTRA LONG CABLE: Bus-powered USB Hub with compact housing and extra long attached 1ft. (30cm) host cable for longer reach, and to reduce connector strain when used with laptops risers or 2-in-1 devices (such as Surface Pro 7, iPad Pro, HP Elite X2)

• CONNECTIVITY TOOLS: Optimize the performance and security of this USB-C hub, using the included MAC Address Changer, USB Event Monitoring and Wi-Fi Auto Switch utilities (available for download)

Hardware

Warranty	2 Years
USB-C Device Port(s)	No
USB-C Host Connection	Yes
Fast-Charge Port(s)	No
Ports	3
Interface	USB 3.2 Gen 1 (5Gbps)
	RJ45 (Gigabit Ethernet)
Bus Type	USB 3.2 Gen 1 (5Gbps)
Industry Standards	IEEE 802.3u, IEEE 802.3ab
	IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding
	USB 3.0 - Backward compatible with USB 2.0 and 1.1
Chipset ID	VIA/VLI - VL817
	ASIX - AX88179A

Performance

Maximum Data Transfer Rate	5 Gbps (USB 3.0)
	2 Gbps (Ethernet; Full-Duplex)
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Flow Control	Full duplex flow control
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes

	Jumbo Frame Support	9K max.
Connector(s)		
	External Ports	3 - USB Type-A (9 pin, 5 Gbps)
		1 - RJ-45
	Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
Software		
	OS Compatibility	Windows 7, 8, 8.1, 10, 11
		macOS 10.11, 10.12, 10.13, 10.14, 10.15, 11.0, 12.0 VLAN tagging is currently not supported in macOS
		Linux Kernel 4.11.x (and up) - LTS versions only
		iPadOS
		ChromeOS
		Android
Special Notes / Requirements		
	Note	USB 3.2 Gen 1 (5Gbps) is also known as USB 3.1 Gen 1 (5Gbps) and USB 3.0 (5Gbps).
		DisplayPort Alternate Mode and USB Power Delivery are not supported
		Wake-on-LAN (WoL) functionality can be disabled by the host computer, if the host computer USB controller enters power save mode. It's recommended that USB power save modes be disabled within your operating system, if the WoL functionality is required for your application.
		To protect your connected devices from power surges, this device features Over Current Protection (OCP).
		If a high-powered USB Peripheral, such as a USB-powered external drive, is connected to a USB port on this device, and the USB Peripheral Device attempts to draw more power then is safely allocated to the port, the device will prevent this peripheral from consistently connecting to the Computer. This may result in the Computer re-recognizing the device continuously, until the device is disconnected.
Indicators		
	LED Indicators	1 - Network Link LED - Green
		1 - Network Activity LED - Amber

Power		
	Power Source	Bus Powered
Environmental		
	Operating Temperature	0C to 45C (32F to 113F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10%-85%RH
Physical Characteristics		
	Color	Space Gray
	Form Factor	Compact
	Material	Plastic
	Cable Length	11.8 in [30 cm]
	Product Length	1.6 in [4.0 cm]
	Product Width	3.1 in [8.0 cm]
	Product Height	0.6 in [1.5 cm]
	Weight of Product	1.5 oz [42.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	5.6 in [14.2 cm]
	Package Width	6.7 in [17.0 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	3.3 oz [94.0 g]
What's in the Box		
	Included in Package	1 - USB Hub

Product appearance and specifications are subject to change without notice.