

3-Port USB Hub with Ethernet - 3x USB-A Ports - Gigabit Ethernet (RJ-45) - USB 3.0 5Gbps - Bus-Powered - 1ft/30cm Long Cable - Portable Laptop USB Hub Adapter w/ GbE

Product ID: 5G3AGBB-USB-A-HUB



This USB Hub adds three USB-A 3.2 Gen 1 (5Gbps) ports and one Gigabit Ethernet port to a USB-A enabled desktop or laptop computer. The USB Hub connects to a USB-A port on a computer, using the built-in 1ft. (30cm) host cable. 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., thumb drives, external HDDs/SSDs, HD cameras, mice, keyboards, webcams, and audio headsets). The 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 USB hub can operate with bus power alone, but features a Micro USB power input that can be connected to a USB power adapter (not included), providing up to 4.5W (5V/0.9A) of power in addition to the 4.5W of bus power from the USB host. This flexibility is ideal for applications where additional power may be required, such as connecting a high-powered USB device, like an external SSD, while using the other ports to connect lower powered devices. For added protection, the USB hub features Overcurrent Protection (OCP). OCP prevents faulty USB peripherals from drawing more power than is safely allocated.

This device is OS independent, supporting all operating systems, including Windows, macOS, ChromeOS, and Android. The Hub is automatically detected, configured, and installed upon connection to a host computer, such as Apple MacBook, Lenovo X1 Carbon, and Dell XPS. The extra-long built-in 1ft. (30 cm) USB-A host cable enables quick and convenient setup and reduces connector strain on 2-in-1 devices, such as the Surface Pro 7 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.

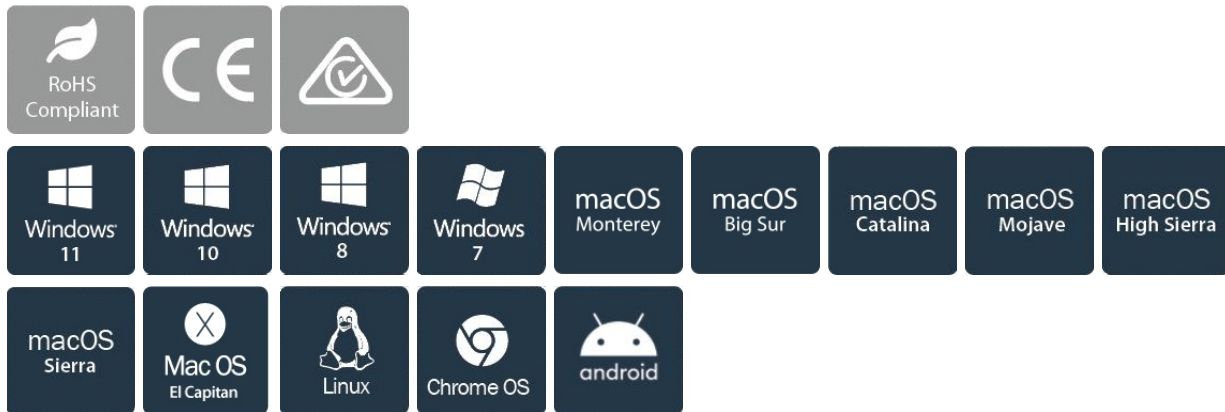
USB Event Monitoring Utility: Track and log connected USB devices.

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-A equipped laptop
- Add wired internet connectivity to the laptop
- Ideal for traveling between the home and office

Features

- **3 PORT USB HUB:** Bus-powered USB 3.2 Gen 1 (5Gbps) expansion hub features a USB-A host connector and 3-port USB-A hub, Overcurrent Protection (OCP) & Wake on USB - 4.5W of bus power dynamically shared between 3 downstream ports
- **GIGABIT ETHERNET:** Features a built-in GbE adapter to provide the reliability and security of wired RJ45 Ethernet to a laptop or desktop - The GbE controller is fully compatible w/IEEE 802.3u/ab standards and supports WoL, Jumbo Frames, and V-LAN Tagging
- **AUXILIARY POWER INPUT:** The USB hub features a Micro USB power input (cable sold separately) to add 4.5W (5V/0.9A) of power to the hub for applications where additional power may be required, such as connecting high power USB devices like SSDs/HDDs
- **EXTRA-LONG CABLE:** Attached 1ft/30cm cable provides longer reach for easy setup and prevents adapter from dangling on the USB-A host connector - Ideal cable length to reduce port strain on 2-in-1 convertible laptops, or host laptops on riser stands
- **CONNECTIVITY TOOLS:** Optimize the performance and security of this USB-A hub, using the included MAC

Address Changer, USB Event Monitoring, Wi-Fi Auto Switch utilities (available for download) - Hub compatible with Windows/macOS/Linux/ChromeOS/Android

Hardware

Warranty	2 Years
USB-C Device Port(s)	No
USB-C Host Connection	No
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 - VL817 Asix - AX88179A

Performance

Maximum Data Transfer Rate	5 Gbps (USB 3.2 Gen 1) 2 Gbps (Ethernet; Full-Duplex)
Type and Rate	USB 3.2 Gen 1 - 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
		1 - USB Micro-B (5 pin) (Power)
	Host Connectors	1 - USB Type-A (9 pin, 5 Gbps)
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 <i>VLAN tagging is currently not supported in macOS</i>
		Linux Kernel 4.11.x (and up) - LTS versions only
		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).
		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.
Indicators		
	LED Indicators	1 - Network Link LED - Green
		1 - Network Activity LED - Amber
Power		
	Power Source	Bus Powered
Environmental		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	-40C to 80C (-40F to 176F)
	Humidity	0% ~ 85% RH (no condensation)
Physical Characteristics		
	Color	Space Gray

Form Factor	Compact
	Attached Cable
Material	Plastic
Cable Length	11.8 in [30 cm]
Product Length	16.5 in [42.0 cm]
Product Width	2.0 in [5.0 cm]
Product Height	0.6 in [1.5 cm]
Weight of Product	3.0 oz [84.0 g]

Packaging Information

Package Quantity	1
Package Length	6.8 in [17.2 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	4.9 oz [140.0 g]

What's in the Box

Included in Package	1 - USB Hub
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****Product appearance and specifications are subject to change without notice.***

