

USB-C to Ethernet Adapter with USB-A Dongle, 10/100/1000Mbps, USB 3.0 to Gigabit Ethernet Network Adapter, 6in/15cm Attached Cable, USB GbE Adapter

**Product ID:** C21GA-USB-ETHERNET



Add a Gigabit network port to your computer, using a USB Type-C connection. The RJ45 port supports multiple speeds (10/100/1000 Mbps) and is fully compatible with Cat5 (and higher) cabling. Share or receive files over a network, access network storage/backup, and stream online content while reducing wait times and slowdowns.

This adapter supports both current and legacy Ethernet networks down to 10Mbps, making it ideal for providing a reliable network connection almost anywhere whether at home, work or while traveling. The USB-C host connector with attached USB-C to USB-A dongle offers compatibility with laptops, desktop computers, and 2-in-1's. The Realtek chipset is broadly supported on new and older laptops enabling PXE capabilities to aid IT departments with provisioning and maintaining systems along with Wake-on-LAN (WoL) support. The adapter provides a wired connection that is faster and more secure than wireless, making it ideal for IT professionals.

Simply connect the network adapter to your computer's USB Type-C port. This USB-C to RJ45 adapter features VLAN tagging, 9K Jumbo Frames, Wake-on-LAN, Status LEDs and full-duplex Ethernet making it the perfect companion for on-the-go users who require a wired network connection.

The USB Gigabit network adapter is light and compact. It features a built-in 6in (15cm) cable provides extended reach and improved flexibility, while reducing cable/connector strain. Additionally, USB bus power simplifies the setup and makes it a convenient accessory while on the move.

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

Mac Address Pass-Through Utility: To improve network security.

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](http://www.StarTech.com/Connectivity-Tools)

## Certifications, Reports and Compatibility

### Applications

### Features

- **USB-C NETWORK ADAPTER:** Add an Ethernet port to a USB-C or USB-A computer supporting up to Gigabit speeds with auto-negotiation for 10/100/1000Mbps BASE-T Networks; RJ45 Network port features link status LEDs for easy troubleshooting and minimal downtime
- **THOUGHTFUL DESIGN:** Attached 6in/15cm cable provides extended reach and improved flexibility, reducing strain on ports; USB-C connector with attached USB-C to USB-A dongle ensures compatibility with laptops, desktops, and 2-in-1 devices; USB Bus Powered
- **BROAD COMPATIBILITY:** Auto-installs on most operating systems including Windows 7/up, Linux LTS Kernel 4.19+ and up, MacOS/iOS/ChromeOS; Works with MacBooks, Chromebooks and all hardware platforms, including Intel, AMD, ARM (Snapdragon) and Apple Silicon
- **APPLICATIONS:** Ideal replacement for broken ethernet ports on laptops; Provides a wired connection that is faster and more secure than wireless for home, work and travel; Efficiently provision and maintain laptops with WoL and PXE
- **TECH SPECS:** USB 3.2 Gen 1 Type-C (5Gbps); Backwards compatible with USB 3.0/2.0; 1x GbE RJ45 Port; 10/100/1000Mbps; Realtek RTL8153B; 9K Jumbo Frames; VLAN Tagging; Wake-on-LAN; PXE Boot support; Energy Efficient Ethernet (EEE); Thunderbolt Compatible

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### Hardware

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	USB 3.2 Gen 1
USB Pass-Through	No
Industry Standards	IEEE 802.3i 10BASE-T
	IEEE 802.3ab 1000BASE-T
	IEEE 802.1q VLAN Tagging
	IEEE 802.3x
	IEEE 802.3u 100Base-TX

Realtek - RTL8153B

Chipset ID Realtek - RTL8153B

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**Performance**

Wake On Lan	Yes
Type	Copper
Type and Rate	USB 3.2 Gen 1 - 5 Gbit/s
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
PXE	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Promiscuous Mode	Yes
MTBF	1,969,065 hours

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**Connector(s)**

Connector A	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps) 1 - RJ-45
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**Software**

OS Compatibility	Windows 11 ARM Windows 11 Windows 10 Windows 8 Windows 8.1 Windows 7 Windows Server 2016 Windows Server 2012 R2 Windows Server 2008 R2 Windows Server 2022
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Linux Kernel 2.4.20 and up - LTS Versions only

macOS 10.11 - 10.15, 11.0, 12.0, 13.0, 14.0, 15.0 VLAN tagging is currently not supported in macOS

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**Special Notes / Requirements**

Note	- Jumbo Frames are no longer supported in macOS
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**Indicators**

LED Indicators	<p>1 - Indicates Network Card Activity:</p> <ul style="list-style-type: none"> <li>• Solid Green = Network port is connected</li> <li>• Flashing Green = Network port is active</li> </ul> <p>1 - Indicates Link Speed:</p> <ul style="list-style-type: none"> <li>• Solid Green = 1Gbps</li> <li>• Solid Amber = 10/100Mbps</li> </ul>
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**Power**

Power Source	USB-Powered
Input Voltage	5V DC

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**Environmental**

Operating Temperature	0C to 45C (32F to 113F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10% to 85% RH (no condensation)

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**Physical Characteristics**

Color	Space Gray
Form Factor	Attached Cable
Material	Plastic
Cable Length	6.0 in [15.2 cm]
Product Length	10.0 in [255 mm]
Product Width	0.8 in [21.5 mm]
Product Height	0.6 in [15.0 mm]

Weight of Product	0.9 oz [26.0 g]
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**Packaging Information**

Package Quantity	1
Package Length	0.8 in [2.2 cm]
Package Width	5.0 in [12.8 cm]
Package Height	0.6 in [1.5 cm]
Shipping (Package) Weight	1.2 oz [35.0 g]

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**What's in the Box**

Included in Package	1 - USB Ethernet Adapter
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**Warranty Information**

Warranty	2 Years
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***\*Product appearance and specifications are subject to change without notice.***