

USB-C to Ethernet Adapter, USB 3.0 to Gigabit Ethernet Network Adapter, 10/100/1000 Mbps, USB-C to RJ45 Ethernet Adapter (GbE), 12in Attached Cable, Driverless Install

Product ID: US1GC30B2



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. This is an essential peripheral for new laptops that lack an Ethernet port. In addition, it can be utilized or whenever WiFi is unavailable or when wireless network speeds are inconsistent.

The USB LAN adapter supports up to Gigabit speeds (1000 Mbps). Share or receive files over a network, access network storage/backup, and stream online content while reducing wait times and slowdowns.

Simply connect the network adapter to your computer's USB Type-C port. Native driver support in Windows, macOS, and Linux facilitates plug-and-play compatibility. In addition, mobile platforms are also supported, including ChromeOS, Android, and iPadOS.

This USB-C to RJ45 dongle features VLAN tagging, Auto-MDIX, 9K jumbo frames, wake-on-LAN, 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 11.8 in (30 cm) cable that helps with additional reach and 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:

Advanced Windows Layout Utility: To setup and save custom windows layouts.

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

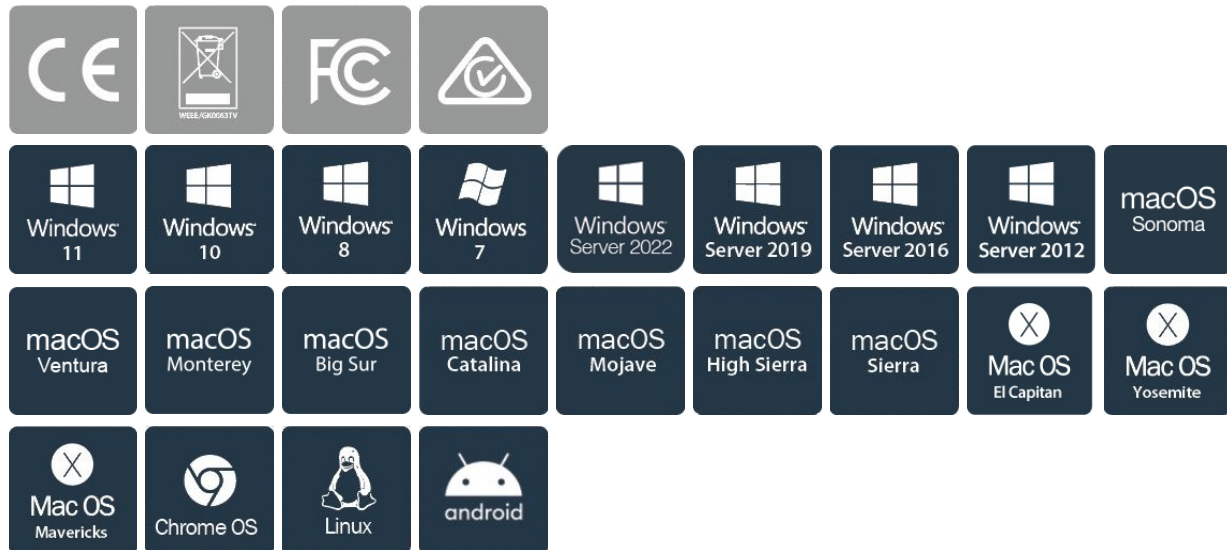
USB Event Monitoring Utility: To track and log connected USB devices

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

US1GC30B2 is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility



Applications

Features

- **USB-C NETWORK ADAPTER:** USB-C to RJ45 adapter adds an Ethernet port to your computer supporting up to Gigabit speeds with auto-sensing on 10/100/1000 Mbps BASE-T Networks; ideal for reliable wired gigabit network connections, or as an alternative to WiFi
- **FULL FEATURED:** USB-C to Ethernet dongle w/ attached 11.8in/30cm cable for longer reach reduces port connector strain - USB bus powered - Uses ASIX AX88179A Chipset for native compatibility w/ laptop, desktop computers, and 2-in-1's
- **OS COMPATIBILITY:** USB NIC adapter for laptop offers plug and play connectivity (no driver install required), works with Windows versions 7/8/10/11/Server, macOS 10.14/10.15/11.0/12.0/13.0, Linux distributions with kernel 4.11 to 5.9.16 LTS, and Chrome OS
- **VERSATILE DESIGN:** The USB-C to RJ45 dongle has an extended built-in 11.8in/30cm cable, providing additional reach and flexibility while reducing cable/connector strain - The USB-C NIC is conveniently powered via the USB Type-C port
- **TECHNICAL SPECS:** USB 3.2 Gen 1 Type-C (5 Gbps) - Compatible with USB 3.0/2.0; 1x RJ45 Port - 11.8in Attached Cable; 10/100/1000 Mbps - ASIX AX88179A Chipset - 9K Jumbo Frames; VLAN Tagging - Wake-on-LAN - Energy Efficient Ethernet (EEE)

Hardware

| | |
|--------------------|---|
| Warranty | 2 Years |
| Ports | 1 |
| Interface | RJ45 (Gigabit Ethernet) |
| Bus Type | USB 3.2 Gen 1 (5 Gbps) |
| Industry Standards | IEEE802.1Q (VLAN tagging) |
| | IEEE802.3az Energy Efficient Ethernet (EEE) |
| | Wake-on-LAN (WOL) |
| | IEEE 802.3 10BASE-T |
| | IEEE 802.3u 100BASE-TX |
| | IEEE 802.3ab 1000BASE-T |
| | |
| Chipset ID | Asix - AX88179A |

Performance

| | |
|----------------------------|---------------------------------|
| Maximum Data Transfer Rate | 5 Gbps (USB 3.2 Gen 1) |
| | 2 Gbps (Ethernet - Full Duplex) |
| Compatible Networks | 10/100/1000 Mbps |
| Auto MDIX | Yes |
| Full Duplex Support | Yes |
| Jumbo Frame Support | 9K max. |
| MTBF | 262,800 hours |

Connector(s)

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

Software

| | |
|------------------|---|
| OS Compatibility | Windows XP, Vista, 7, 8, 8.1, 10, 11 |
| | Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 |
| | macOS 10.9 to 10.15, 11.0, 12.0, 13.0, 14.0 - <i>VLAN tagging |

is currently not supported in macOS

Linux Kernel 2.6.14 and up - *LTS Versions only*
ChromeOS
Android

Special Notes / Requirements

| | |
|-------------------------------|---|
| System and Cable Requirements | USB Type-C port |
| Note | Jumbo Frames are no longer supported in macOS |

Power

| | |
|----------------|-------------|
| Power Source | Bus Powered |
| Input Voltage | 5V DC |
| Output Voltage | 5 DC |

Environmental

| | |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 45C (32F to 113F) |
| Storage Temperature | -10C to 70C (14F to 158F) |
| Humidity | 10% to 85% |

Physical Characteristics

| | |
|-------------------|-------------------|
| Color | Gray and Black |
| Form Factor | Attached Cable |
| Material | ABS |
| Cable Length | 11.8 in [300 mm] |
| Product Length | 1.0 in [2.5 cm] |
| Product Width | 15.2 in [38.7 cm] |
| Product Height | 0.6 in [1.5 cm] |
| Weight of Product | 1.0 oz [28.0 g] |

Packaging Information

| | |
|------------------|------------------|
| Package Quantity | 1 |
| Package Length | 4.9 in [12.5 cm] |

| | |
|------------------------------|------------------|
| Package Width | 9.1 in [23.0 cm] |
| Package Height | 0.6 in [1.5 cm] |
| Shipping (Package) Weight | 1.1 oz [32.0 g] |

What's in the Box

| | |
|---------------------|---------------------------|
| Included in Package | 1 - USB-C Network Adapter |
|---------------------|---------------------------|

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