

## USB-C to Dual Gigabit Ethernet Adapter with USB (Type-A) Port

StarTech ID: US1GC301AU2R



Now, you can add wired network access through the USB-C™ or Thunderbolt™ 3 port on your laptop or desktop computer, and connect to your USB 3.0 (Type A) devices with ease. This Gigabit Ethernet network adapter gives you access to two reliable GbE ports, and without having to install drivers. It's a great companion for your MacBook, Chromebook Pixel™, Dell™ XPS™ 12, Dell Latitude™ 12 7000 Series 2-in-1 or another device that has a USB Type-C™ port.

### Powerful Gigabit network connections

The network adapter leverages the 5Gbps speed of USB 3.0 (also known as USB 3.1 Gen 1) to deliver the full bandwidth of your Gigabit network connection, without bottlenecks. This saves you time by making it easier to access very large files over your network at Gigabit speed.

For added versatility, the network adapter supports a range of convenient features, such as Wake-On-LAN, VLAN Tagging, Crossover Detection and Auto-Correction (Auto MDIX), Checksum Offload (IPv4, IPv6, TCP, UDP), and Large Send Offload.

### Add connectivity to your USB devices

Some computers with USB Type-C only offer one USB-C port for external connectivity, which will not connect with your existing USB Type-A devices. This Gigabit adapter features an integrated USB 3.0 Type-A port, so while the adapter is connected to your computer to provide network access, you can also connect to USB peripherals that need a USB Type-A connector. The network adapter is also backward compatible with USB 2.0 systems.

### Native driver support makes installation easy

Get up and running quickly. The network adapter provides native driver support to ensure a quick setup. Simply plug the adapter into the USB Type-C port on your laptop and connect to your network. The network adapter

chipset offers native driver support in Chrome OS™ and Windows® 8.1, and supports Mac OSX (10.10) with driver installation.

## **Trouble-free connections through USB-Type-C**

The USB Type-C connector is smaller and easier to use than previous USB connectors. It's a reversible plug, so you can connect to your devices with either side facing up. You can insert the cable the right way every time, without frustration or the risk of port damage.

The US1GC301AU2R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### **Applications**

- Add Gigabit Ethernet capabilities to your MacBook, Chromebook Pixel, Dell XPS 12 or Dell Latitude 12 7000 Series 2-in-1
- Add an extra USB peripheral along with your network adapter
- Enhance your laptop or desktop computer with Gigabit network capabilities without opening the computer or taking up an available expansion slot
- Connect your laptop PC to a Gigabit network - ideal for small businesses, home offices, departmental network applications, and network gaming

### **Features**

- Add two Gigabit Ethernet ports to your laptop or desktop computer through a USB Type-C port
- Add a USB Type-A port to your computer for connecting an additional peripheral device
- Works with the newest MacBook, Chromebook Pixel and other laptop and desktop computers that have a USB-C port (Thunderbolt 3 port compatible)
- USB powered, compact and lightweight for maximum portability
- Supports IEEE 802.3az Energy Efficient Ethernet, IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T)
- Up to 4K Jumbo Frame support
- Crossover Detection & Auto-Correction (Auto MDIX)

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	VIA VL812 + ASIX AX88179
Industry Standards	IEEE 802.3, 802.3u and 802.3ab
Interface	RJ45 (Gigabit Ethernet)
USB Pass-Through	Yes
Auto MDIX	Yes
Bandwidth	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
Full Duplex Support	Yes
Jumbo Frame Support	4K max.
Maximum Cable Length	0.3 ft [0.1 m]
Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
Type and Rate	USB 3.0 - 5 Gbit/s
Connector Type(s)	1 - USB 3.0 A (Fast-Charge, 9 pin, SuperSpeed)
Connector Type(s)	1 - USB Type-C (24 pin) USB 3.0
External Ports	2 - RJ-45 Female
OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012 Mac OS® 10.6 to 10.12 <i>VLAN tagging is currently not supported in Mac OS</i> Linux Kernel 2.6.25 to 4.4.x <i>LTS Versions only</i>
System and Cable Requirements	Available USB Type-C port
LED Indicators	4 - 2x Gigabit Link/Activity  2x 10/100 Link/Activity
Power Source	USB-Powered
Humidity	20%~80%
Operating Temperature	5°C to 50°C (41°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Enclosure Type	Plastic
Product Height	0.6 in [16 mm]
Product Length	3 in [75 mm]
Product Weight	1.9 oz [54 g]
Product Width	2.4 in [60 mm]

Shipping (Package) Weight	4 oz [112 g]
Included in Package	1 - USB-C to dual Gigabit Ethernet adapter
Color	Black
Compatible Networks	10/100/1000 Mbps
Form Factor	Attached Cable
Ports	2

## Certifications, Reports and Compatibility

