2.5GbE USB C to Ethernet Adapter NBASE-T NIC - USB 3.0 Type C 2.5/1 Gigabit/100 Mbps Multi Speed Network/ USB 3.1 Laptop to RJ45/LAN Thunderbolt 3 Compatible/MacBook Pro Surface

Product ID: US2GC30

Add 2.5 GbE network access to your laptop, using an available USB-C port. This USB 3.0 Type-C to Gigabit network adapter gives you wired Ethernet network access.

Ideal for office or home use, the network adapter supports full 2.5 Gigabit bandwidth by harnessing the performance of USB 3.0. You can quickly access very large files over a 2.5 Gigabit network, saving valuable time every day.

Get up and running quickly. Simply plug this USB-C to Ethernet adapter into the USB port on your laptop and connect to your network. The network adapter Realtek RTL8156BG chipset provides native driver support for Mac OS and Linux. Any Windows operating systems without the driver will be automatically prompted to download the software directly from the adapter, ensuring a quick installation with no Internet access required.

Compact and portable, this USB Gigabit network adapter is the ideal desktop network adapter or laptop accessory. You don't have to carry a power adapter with you to use it, because it's powered directly from the host USB port.

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

The US2GC30 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Windows 11 · Windows 10 · Windows 8 · Windows 7 · Windows Server 2022 · Windows Server 2019 · Windows Server 2016 · macOS Sonoma · macOS Ventura

macOS Monterey · macOS Big Sur · macOS Catalina · macOS Mojave · macOS High Sierra · macOS Sierra · Mac OS El Capitan · Linux

Applications

Features

• HIGH PERFORMANCE: 2.5GbE USB C to Ethernet Adapter/ USB Type C/Thunderbolt 3 Network Adapter allows you to securely connect to high-speed Networks & is backwards compatible with existing Gigabit LANs

• IDEAL FOR CONTENT CREATORS: USB 3.0 NIC provides bandwidth to power users on high performance laptops/workstations incl Mac Pro, MacBook Pro, Surface Book, HP ZBook, Dell Precision, Lenovo P Series

• TECH SPECS: USB-C 3.2 Gen 1 (5Gbps); 1x RJ45; 2.5Gbps Multi-Gigabit; 3 speed 2.5G/1G/100 Mbps Auto-negotiation; Realtek RTL8156BG; NBASE-T & 2.5GBASE-T; 9K Jumbo frame (no longer supported in macOS); WoL; VLAN; Bus-Powered

• MAXIMUM BANDWIDTH: Leverage NBASE-T for 2.5 Gbps speeds over existing Cat 5e Cables w/o the expense of Cat 6A or Fiber; 3 speed Auto-Negotiation always provides max bandwidth

• COMPATIBILITY: Supports many OS and Hypervisors incl. Windows 7 and up, Windows Server 2008 R2 and up, Linux LTS Kernel 4.19+ and up, MacOS 10.11 to 11, iOS (iPhone 15 [Plus/Pro/Max] and up)

Hardware

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	USB 3.2 Gen 1
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

		IEEE 802.3bz 2.5GBase-T
	Chipset ID	Realtek - RTL8156BG

Performance

Wake On Lan	Yes
Type	Copper
Type and Rate	USB 3.2 Gen 1 - 5 Gbit/s
Compatible Networks	2.5G/1G/100Mbps/10Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
MTBF	1,233,108 hours

Connector(s)

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

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</brWindows Server 2019, Windows Server 2022, Linux Kernel 2.4.20 and up - <i>LTS Versions only</i>, macOS 10.11 - 10.15, 11.0, 12.0, 13.0, 14.0, 15.0 <i>VLAN tagging is currently not supported in macOS</i>

Special Notes / Requirements

Note	- Jumbo Frames are no longer supported in macOS

Indicators

LED Indicators	1 - Green LED: 1Gbps/100Mbps/10Mbps
	1 - Blue LED: 2.5Gbps

Power

Power Source	USB-Powered

Input Voltage	5V DC	
Output Voltage	5 DC	

Environmental

Operating Temperature	0 to 70	
Storage Temperature	10 to ~ 55	
Humidity	5% to 90 % RH (no condensation)	

Physical Characteristics

Color	Space Gray	
Form Factor	Attached Cable	
Cable Length	5.3 in [13.5 cm]	
Product Length	9.6 in [24.5 cm]	
Product Width	1.1 in [2.7 cm]	
Product Height	0.7 in [1.7 cm]	
Weight of Product	1.4 oz [41 g]	

Packaging Information

Package Quantity	1	
Package Length	6.4 in [16.2 cm]	
Package Width	4.8 in [12.2 cm]	
Package Height	1.3 in [3.3 cm]	
Shipping (Package) Weight	3.3 oz [94.0 g]	

What's in the Box

Included in Package	1 - USB-C Network Adapter	
	1 - Quick-Start Guide	

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