2.5GbE USB-C to Ethernet Adapter, NBASE-T NIC, USB 3.0 Type-C 2.5/1G Multi Speed Network, Thunderbolt Compatible, Windows & Mac

Product ID: C22G-USB-ETHERNET



Add 2.5GbE network access to a laptop, iPad, or iPhone using an available USB Type-C port. This USB 3.0 Type-C to Gigabit network adapter doubles your network performance on existing Cat5e cables, so there is no need to change or add to existing cabling infrastructure. This versatile adapter features a built-in 6in (15cm) USB cable and is bus-powered, drawing its power directly from the computer's USB port, reducing clutter and simplifying setup by eliminating the need for an external power adapter.

This slim form factor adapter is ideal for office use and hot desks. Download large files from a network more quickly, experience higher quality video conference streaming, and sync files to the cloud in the background, without impacting your other browsing. The adapter provides a wired connection that is faster and more secure than wireless, making it ideal for IT professionals.

Simply plug this USB-C to Ethernet adapter into the USB port on a laptop and connect to a network. The network adapter Realtek chipset provides native driver support for Windows (10/11, ARM supported) Macbooks (MacOS), Chromebooks (ChromeOS), Snapdragon, Linux, iPhones, and iPads. Any Windows operating systems without the driver will be automatically prompted to download the software directly from the adapter, ensuring quick and effective installation with no Internet access required

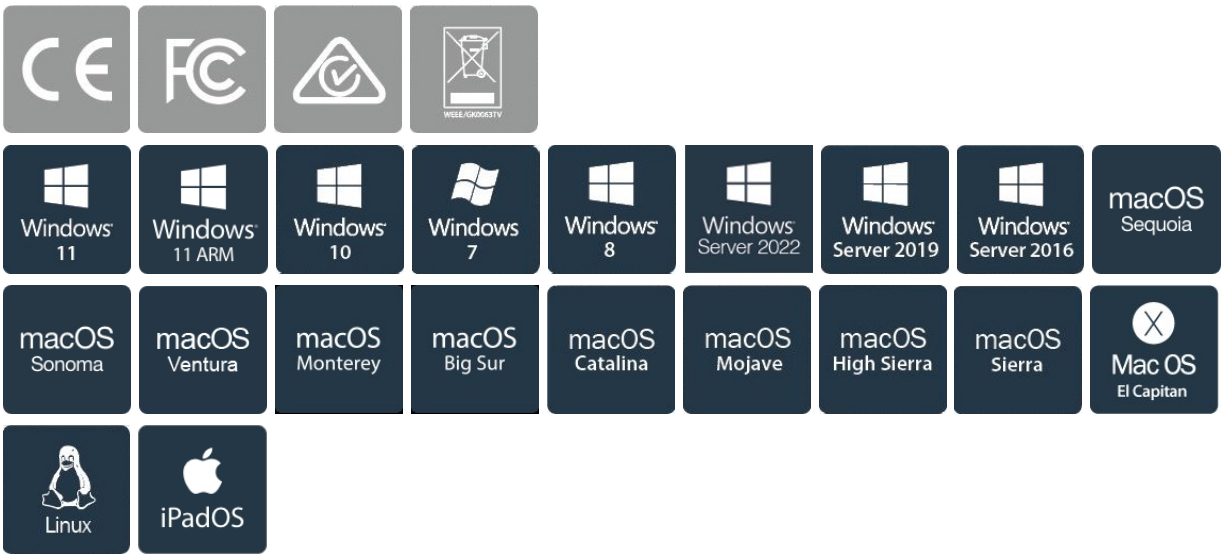
Developed to improve performance and security, StarTech Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

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.

Visit www.StarTech.com/Connectivity-Tools for more information and to download the StarTech Connectivity Tools.

Certifications, Reports and Compatibility



Applications

• Add 2.5Gbps Ethernet network connectivity to a laptop or desktop computer through a USB Type-C port

Features

• USB-C NETWORK ADAPTER: 2.5GbE USB-C to Ethernet Adapter allows you to add 2.5GbE network access to a laptop, iPad, or iPhone using an available USB Type-C port; Doubles network performance on existing Cat5 cables

• BROAD COMPATIBILITY: Auto-installs on most operating systems incl. Windows 7 and 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

• 2.5G OVER CAT5E: Leverage NBASE-T for 2.5Gbps speeds over existing Cat 5e cables without the expense of upgrading to Cat6A/Fiber; 4-speed auto-negotiation for optimal performance with network devices; Extend system longevity by retrofitting older systems

• APPLICATIONS: Slim form factor adapter for office/hot desks; Quickly download large files from a network, experience higher quality video conferencing & sync files to the cloud in the background with a faster/more secure connection compared to wireless

• TECH SPECS: USB-C 3.2 Gen 1 (5Gbps); 1x RJ45; 6in (15cm) Attached Cable; 2.5Gbps Multi-Gigabit; 10/100Mbps & 1/2.5Gbps; Realtek Chipset; NBASE-T & 2.5GBASE-T; 16K Jumbo Frames (not supported in macOS); WoL; VLAN; USB Bus-Powered; Thunderbolt Compatible

General

UPC	065030910415
Package Quantity	1
Warranty	2 Years

Special Notes / Requirements		
	Special Notes	Windows Legacy and Support Note(s): Windows Server 2008 R2 Linux Support Note(s): Linux Kernel 2.4.20 and up (LTS Versions only) - Jumbo Frames are no longer supported in macOS
Power		
	Power Source	USB-Powered
	Input Voltage	5V DC
	Output Voltage	5 DC
Physical & Environmental		
	Color	Space Gray
	Network Adapter Form Factor	Attached Cable
	Cable Length	6.0 in [15.2 cm]
	Product Length	6.0 in [15.2 cm]
	Product Width	0.8 in [21.5 mm]
	Product Height	0.6 in [15.0 mm]
	Weight of Product	0.6 oz [18.0 g]
	Operating Temperature	0 to 45 (32F to 113F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10% to 85% RH (no condensation)
Performance		
	Type and Rate	USB 5Gbps
	Fiber Type	Copper
	Compatible Networks	2.5G/1G/100Mbps/10Mbps
	Auto MDIX	Yes

	Full Duplex Support	Yes
	PXE	Yes
	Jumbo Frame Support	16K max.
	Promiscuous Mode	Yes
	Wake-On-LAN (WOL)	Yes
	MTBF	1,912,948 hours
Hardware		
	Number of Ports	1
	Interface	RJ45 (Gigabit Ethernet)
	Bus Type	USB 5Gbps
	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
		IEEE 802.3bz 2.5GBase-T
	Chipset ID	Realtek - RTL8156BG
	LED Indicators	1 - Indicates Network Card Activity: • Solid Green = Network port is connected • Flashing Green = Network port is active
		1 - Indicates Link Speed: • Solid Green = Highest Link Speed (ex. 2.5Gbps) • Solid Amber = Lower Link Speeds (ex. 1000/100/10Mbps)
Packaging & In-the-Box		
	Included in Package	1 - USB-C Network Adapter

	Package Width	5.8 in [14.7 cm]
	Package Depth	5.0 in [12.6 cm]
	Package Height	0.7 in [17 mm]
	Shipping (Package) Weight	0.8 oz [24 g]

Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	USB-C (5Gbps, 4.5W)
	Connector 2 (Quantity)	1
	Connector 2	RJ-45

Product appearance and specifications are subject to change without notice.