

USB4 to Ethernet Adapter, 10GbE, Multi-Gigabit, Thunderbolt Compatible, 10GBASE-T/5G/2.5G NIC, 10G Ethernet Adapter, 0.5m USB4 Cable, Win/Mac, TAA

**Product ID:** USB4-10GBE-ETHERNET



This high-performance 10G Ethernet adapter is a robust and durable solution for IT professionals looking to add an RJ45 port to a USB-C enabled computer. It supports multi-gigabit speeds, including 10/5/2.5/1Gbps and 100Mbps Base-T. Additionally, 10GBASE-T and 5GBASE-T/2.5GBASE-T (NBASE-T) capabilities ensure compatibility with modern network switches and access points.

Ideal for bandwidth-intensive tasks, server maintenance, high-performance storage, or streaming, this adapter is powered by the Marvell AQC107S chipset. It delivers reliable 10GbE performance and supports plug-and-play installation in Windows and macOS environments.

Compact and travel-ready, this adapter measures just 4.27x2.9x1.14in (108.5x75x29mm). The aluminum chassis supports passive cooling for silent operation. Built-in LEDs indicate activity and link status at a glance.

A detachable 19.6in (50cm) USB-C cable is included to support flexible installation and maintain consistent performance across compatible USB-C and Thunderbolt 4 ports.

**Note:** Requires PCIe tunneling and may not work on all USB-C systems; USB-only mode is not supported.

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

- Ideal for bandwidth-intensive tasks, server maintenance, high-performance storage, or streaming
- Compact and travel-ready with an aluminum chassis
- Adds a multi-Gigabit RJ45 port to a USB-C computer

## Features

- **USB4 to 10G Ethernet Adapter**: Adds multi-Gigabit RJ45 port to a USB-C (USB4 Gen 4x4 TB5 TB4 TB3 compatible) computer, enabling connection to 100Mbps, 1G, 2.5G, 5G, 10G networks; Ideal for delivering fast, stable wired connectivity on USB-C devices
- **Full 10Gbps Performance**: Transfer large files or work directly from the cloud with a reliable 10GbE connection, ideal for 4K/8K editing, large data transfers, and high-speed cloud access; Easy setup on Windows 10/11 and auto-install on macOS 12.4+
- **Smart Design for Quick Integration**: Detachable 19.6in (50cm) USB4 cable and advanced features like Wake-on-LAN, Autonegotiation, and NBASE-T deliver a clean, flexible setup; Status LEDs provide clear connection feedback for easy deployment and monitoring
- **Portable and Durable**: Compact, bus-powered adapter features an all-aluminum housing for optimized heat dissipation and silent passive cooling; Ideal for travel, remote work, or dynamic IT environments where reliability and portability matter
- **The IT Pro's Choice**: Designed for reliability in edge and on-prem deployments; TAA compliant and lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	2 Years
Ports	1
Bus Type	USB4 (40Gbps)
	Thunderbolt 3
	Thunderbolt 4

	Thunderbolt 5
Port Style	External Hub
Industry Standards	IEEE 802.3an (10GBASE-T)
	802.3bz (5GBASE-T)
	802.3bz (2.5GBASE-T)
	IEEE 802.3ab (1000BASE-T)
	IEEE 802.3u (100BASE-T)
Chipset ID	Asm2464PDx
	AQC113-B1

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### Performance

Wake On Lan	Yes
Compatible Networks	10 Gbps/5G/2.5G/1G/100 Mbps
Auto MDIX	Yes
PXE	Yes
Jumbo Frame Support	9K max.
Promiscuous Mode	Yes
MTBF	50,000 Hours

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### Connector(s)

External Ports	1 - RJ-45 (PoE++)
	1 - USB4 40Gbps (Thunderbolt 4/3, USB 3.2)

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### Software

OS Compatibility	Windows 10, 11
	macOS 12.4 and up
	Ubuntu 22.04, 24.04

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### Indicators

LED Indicators	1 - USB-C port to connect host
	1 - RJ45

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### Environmental

Operating Temperature	5C to 55C (41F to 131F)
Storage Temperature	-20C to 50C (-4F to 122F)
Humidity	20% ~ 80% RH

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### Physical Characteristics

Color	Gray
Form Factor	Separate Cable
Cable Length	19.7 in [500 mm]
Product Length	4.3 in [108.5 mm]
Product Width	3.0 in [75 mm]
Product Height	1.1 in [28.5 mm]
Weight of Product	6.6 oz [186 g]

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### Packaging Information

Package Length	5.3 in [13.4 cm]
Package Width	6.7 in [17.0 cm]
Package Height	2.9 in [7.4 cm]
Shipping (Package) Weight	10.9 oz [310.0 g]

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### What's in the Box

Included in Package	1 - USB4 Network Adapter
	1 - 20in (50cm) USB4 40Gbps Cable
	1 - Product Documentation

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### Warranty Information

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