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.

This TAA-compliant 10G Ethernet adapter is backed for two years and includes free lifetime 24/5 multilingual technical support.

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

Certifications, Reports and Compatibility

Applications

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 14.2+

• 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

Hardware

	Warranty	2 Years
	Ports	1
	Bus Type	USB4 (40Gbps)
		Thunderbolt 3
		Thunderbolt 4
		Thunderbolt 5
	Port Style	External Hub
	Industry Standards	IEEE 802.11ax
		IEEE 802.11be
	Chipset ID	Asm2464PDx
		AQC113-B1

Performance

	Wake On Lan	Yes

Auto MDIX	Yes	
PXE	Yes	
Jumbo Frame Support	9K max.	
Promiscuous Mode	Yes	
MTBF	50,000 Hours	

Connector(s)

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

Indicators

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

Environmental

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

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	18.4 oz [520 g]	

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	3.9 oz [110.0 g]	

What's in the Box

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

Warranty Information

Warranty	2 Years	

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