

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 802.3an (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

Performance

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|---------------------|-----------------------------|
| 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 |

Connector(s)

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

Indicators

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

Environmental

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

Physical Characteristics

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|----------------|-------------------|
| 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] |

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|-------------------|----------------|
| Weight of Product | 6.6 oz [186 g] |
|-------------------|----------------|

Packaging Information

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|---------------------------|-------------------|
| 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] |

What's in the Box

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

Warranty Information

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