

2.5GbE USB A to Ethernet Adapter - NBASE-T NIC - USB 3.0 Type A 2.5 GbE /1 GbE Multi Speed Gigabit Network - USB 3.1 Laptop to RJ45/LAN - Lenovo X1 Carbon, HP EliteBook/ ZBook

Product ID: US2GA30



Add 2.5 GbE network access to your laptop, using the USB-A port on your laptop. This USB 3.0 Type-A 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-A to Ethernet adapter into the USB port on your laptop and connect to your network. The network adapter Realtek RTL8156 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.

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

Certifications, Reports and Compatibility



Applications

Features

- **HIGH PERFORMANCE:** 2.5GbE USB A to Ethernet Adapter allows you to securely connect to high-speed Networks and is backwards compatible with existing Gigabit LANs
- **NBASE-T & 2.5GBASE-T:** USB 3.1 Ethernet adapter offers bandwidth for content creators & power users on high performance Laptops/Workstations incl. Lenovo ThinkPad X1 Carbon Dell XPS HP EliteBook/ZBook
- **TECH SPECS:** USB 3.0/3.1 Type-A (5Gbps); 1x RJ45; Multi-Gigabit; 3 Speed 2.5G/1G/100 Mbps auto-negotiation; Realtek RTL8156; NBASE-T/2.5GBASE-T; 9K Jumbo Frame (no longer supported in macOS); WoL; VLAN; Bus-Powered
- **MAXIMUM BANDWIDTH:** Leverage NBASE-T w/ USB-A for 2.5 Gb/s 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 7/8.1/10, Windows Server 2008 R2/2012 R2/2016, Linux LTS Kernel 4.19+, MacOS 10.11 to 11

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. |
| Promiscuous Mode | Yes |
| MTBF | 1,233,108 hours |

Connector(s)

| | |
|-------------|---|
| Connector A | 1 - USB Type-A (9 pin, 5 Gbps) 1 - RJ-45 |
|-------------|---|

Software

| | |
|------------------|--|
| OS Compatibility | Windows 11, Windows 11 ARM, Windows 10, Windows 8.1, Windows 7, Windows Server 2016, 2019, 2022, Windows Server 2012 R2, Windows Server 2008 R2, Linux Kernel 2.4.20 and up - LTS Versions only, macOS 10.11 - 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1 |
|------------------|--|

Special Notes / Requirements

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|------|--|
| Note | VLAN tagging is currently not supported in Mac OS - Jumbo Frames are no longer supported in macOS |
|------|--|

Indicators

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|----------------|---------------------------|
| LED Indicators | 1 - Green LED: Link Speed |
|----------------|---------------------------|

1 - Blue LED: Link Speed

Power

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|----------------|-------------|
| Power Source | USB-Powered |
| Input Voltage | 5V DC |
| Output Voltage | 5 DC |

Environmental

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

Physical Characteristics

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|-------------------|-------------------|
| Color | Space Gray |
| Form Factor | Attached Cable |
| Cable Length | 5.7 in [14.5 cm] |
| Product Length | 10.0 in [25.5 cm] |
| Product Width | 1.1 in [2.7 cm] |
| Product Height | 0.7 in [1.8 cm] |
| Weight of Product | 1.5 oz [42 g] |

Packaging Information

| | |
|---------------------------|------------------|
| Package Quantity | 1 |
| Package Length | 6.3 in [16.1 cm] |
| Package Width | 4.8 in [12.1 cm] |
| Package Height | 1.2 in [3.1 cm] |
| Shipping (Package) Weight | 3.2 oz [92.0 g] |

What's in the Box

| | |
|---------------------|-------------------------|
| Included in Package | 1 - USB Network Adapter |
|---------------------|-------------------------|

1 - Quick-Start Guide

**Warranty
Information**

Warranty

2 Years

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