

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.

The US2GA30 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## 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
- **USB 3.0/3.1 Type-A** 1x RJ45 5 Gbps Multi-Gigabit 3 Speed 2.5G/1G/100 Mbps auto-negotiation Realtek RTL8156 NBASE-T/2.5GBASE-T 9K Jumbo Frame WoL VLAN USB Powered 2Yr Warranty
- **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

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## 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

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**Performance**

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

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**Connector(s)**

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

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**Software**

OS Compatibility	Windows 11, 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 - <i>LTS Versions only</i>, macOS 10.11 - 10.15, 11.0, 12.0, 13.0, 14.0
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**Special Notes / Requirements**

Note	VLAN tagging is currently not supported in Mac OS
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**Indicators**

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

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**Power**

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

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## Environmental

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

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## Physical Characteristics

Color	Black & Space Gray
Form Factor	Dongle
Cable Length	5.9 in [15 cm]
Product Length	3.1 in [8.0 cm]
Product Width	1.0 in [2.5 cm]
Product Height	0.6 in [1.6 cm]
Weight of Product	1.5 oz [43.0 g]

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## Packaging Information

Package Quantity	1
Package Length	6.7 in [17.0 cm]
Package Width	5.7 in [14.6 cm]
Package Height	1.1 in [2.8 cm]
Shipping (Package) Weight	3.8 oz [108.0 g]

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## What's in the Box

Included in Package	1 - USB Network Adapter
	1 - Quick-Start Guide

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