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

Windows 11 | Windows 10 | Windows 7 | Windows Server 2022 | Windows Server 2019 | Windows Server 2016 | macOS Sonoma | macOS Ventura | macOS Monterey

macOS Big Sur | macOS Catalina | macOS Mojave | macOS High Sierra | macOS Sierra | Mac OS El Capitan | Linux

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

Special Notes / Requirements

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

Indicators

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

Power

	Power Source	USB-Powered

	Input Voltage	5V DC
	Output Voltage	5 DC

Environmental

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

Physical Characteristics

	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.