




USB-A 3.0 TO 2.5 GIGABIT ETHERNET ADAPTER




**WINDOWS
MAC
LINUX
COMPATIBLE**

USB TYPE-A



ETHERNET



FEATURES

- Converts a USB port into a 2.5 Gigabit Ethernet (2.5GbE) RJ45 port
- Networking transfers of up to 2.5Gbps at 100 meters or more with CAT 5e cabling
- Compliant with 802.3bz (2.5GBASE-T) and backward compatible
- Bus-powered with no need for an external power source
- Aluminum alloy body with status LEDs for quick and reliable operation

SUPPORTED OPERATING SYSTEMS

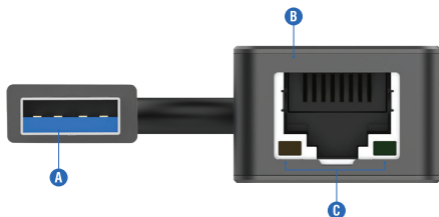
- Windows
- macOS
- Linux

Note: For the best performance, use a USB 3.0 or faster port.

PACKAGE CONTENTS

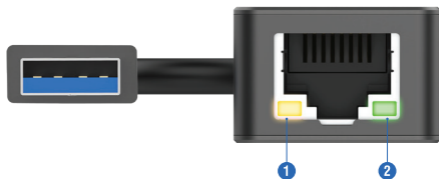
- USB-A 3.0 to 2.5 Gigabit Ethernet Adapter

PRODUCT OVERVIEW



- A. USB Type-A integrated cable (15cm)
- B. USB to Ethernet adapter aluminum alloy body
- C. 2.5GbE RJ45 port with status LEDs

LED STATUS INDICATORS



#	Color	Function	Description
1	Orange	Data transfer/ Network connection	On/blinking: I/O activity
2	Green	Data transfer/ Network connection	On/solid: working as intended

GETTING STARTED

Step 1. If necessary, install the necessary drivers for proper adapter operation. The drivers can be downloaded from our website or, alternatively, from Realtek's site, for the RTL8156BG Ethernet controller.

(https://www.realtek.com/Download/List?cate_id=584)



Step 2. Plug the adapter into a free USB port on the host system. An adapter may be used for USB Type-C, if necessary. A 5Gbps (USB 3.2 Gen 1x1) port or faster is recommended for the best performance, but a USB 2.0 port will work at reduced speeds.



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FREQUENTLY ASKED QUESTIONS

Q. What are some ways to get the best networking performance from the adapter?

A. The adapter should be used with an updated driver and with a 5Gbps or faster USB port. Any networking devices in the chain, including the cable, should be able to connect at 2.5GbE speeds or faster. Internet speeds are dependent on your ISP. The actual transfer rate may be lower than the theoretical maximum of ~300 MBps.

Q. What are some best practices for adapter use?

A. The adapter should never come in contact with liquids and should not be used in a very dry or very humid environment. High external temperatures and direct sunlight exposure could overheat the adapter or host device and should be avoided. The integrated cable should not be bent or folded during installation or operation. The adapter and any attached Ethernet cable should not be pulled or left hanging.

Q. Is there anything else to know about the adapter?

A. When plugging in the adapter, it can take up to ten seconds or more before a connection is acknowledged. It is hot-swappable but patience may be required. If performance is degraded, check the LED status lights to make sure the negotiated speed is as expected. Customization of settings in the host operating system for the adapter is possible and may be necessary for some setups.

Q. Is there a way to improve VPN performance with this adapter's chipset?

A. If you are using IKEv2 and still have performance issues, please set receive buffers to 128 and receive URBS to 64. Transmit buffers should be set to 64 and transmit URBS to 32. This should optimize the connection.



FOR HELP, COMMENTS, QUESTIONS OR CONCERNS
PLEASE CONTACT OUR TECH SUPPORT TEAM VIA OUR WEBSITE
WWW.SABRENT.COM