



## QUICK START GUIDE

### USB-C to 5Gbps Ethernet Adapter



[www.wavlink.com/en\\_us/WL-NWU340GD](http://www.wavlink.com/en_us/WL-NWU340GD)

Scan the QR code or load the link for  
Quick Start Guide and Driver downloading



WAVLINK (@WavlinkOfficial)  
WAVLINK SUPPORT (@WavlinkTechSupport)

WL-NWU340GD

## Safety Instructions

Always read the safety instructions carefully.

Keep this Quick Start Guide for future reference.

Keep this equipment away from humidity.

If any of the following situation arises, get the equipment checked by a service technician:

- The equipment has been exposed to moisture.
- The equipment has been dropped and damaged.
- The equipment has obvious sign of breakage.
- The equipment has not been working well or you cannot get it work according to Quick Start Guide.

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## Disclaimer

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The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

### WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

## Specification

- One RJ45 Ethernet port provides reliable wired Internet speed 5000Mbps.
- Fully compliant with the IEEE 802.3u (10/100Mbps), the IEEE 802.3ab (1000Mbps) and the IEEE 802.3bz (2500/5000Mbps).
- USB-C 10Gbps compliant with USB 3.0.
- The USB upstream port provides 95W power delivery.
- Support Microsoft Wake Packet Detection(WPD).
- Support 'Wake-On-Lan' and 'RealWoW' to enable remote wake-up of a sleeping PC through the Internet.
- Designed as small and light to save space at home, in the office or in your bag.
- High-quality aluminum casing and built-in heat dissipation design for high durability.

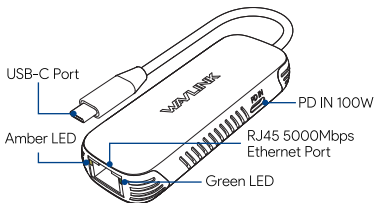
## In the Box

- 1 × USB-C to 5Gbps Ethernet Adapter
- 1 × Quick Start Guide

## System Requirement

- Win 10/11
- Mac OS 11 and later

## Overview



**Blinking Green:** Auto-recognition and transferring at 5000 Mbps speeds.

**Blinking Amber:** Auto-recognition and transferring at 10/100/1000/2500Mbps speeds.

**Off:** The adapter is not receiving electrical power and no Ethernet connection is detected.

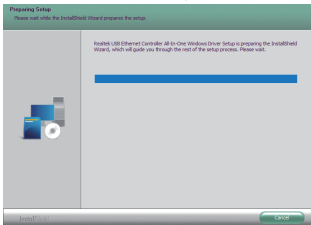
## Driver Installation

For Windows, it is Plug and Play, driver auto-installation is allowed. If the Network port of this adapter can't be recognized, please visit [www.wavlink.com/en\\_us/WL-NWU340GD](http://www.wavlink.com/en_us/WL-NWU340GD) or [www.wavlink.com](http://www.wavlink.com) > [SUPPORT](#) > [Driver](#) > [PC Peripherals](#) > [WL-NWU340GD](#) to download the driver file and manually install it.

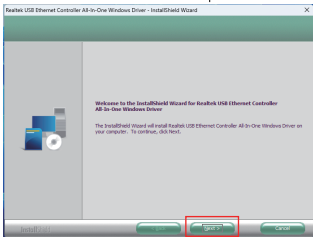


## For Windows

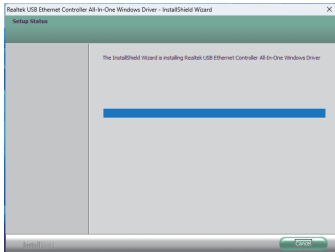
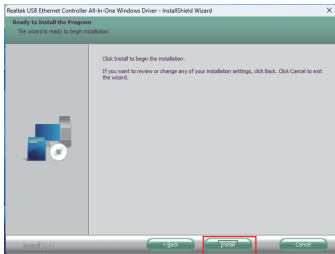
1. Locate the downloaded folder and unzip the file to the desktop, please select **Yes** if your computer asks your permission, then double-click the Driver icon on the desktop.



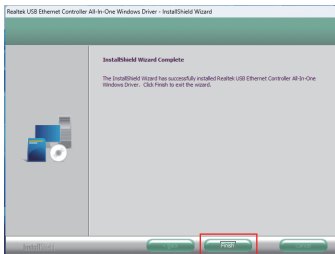
2. Click **Next** to continue the installation process.



3. Select **Install** to begin the installation. If you want to review or change any of your installation settings, click **Back** or **Cancel** to exit the wizard.

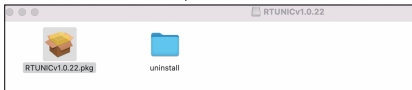


4. After the Driver is successfully installed, select **Finish** to exit the wizard.

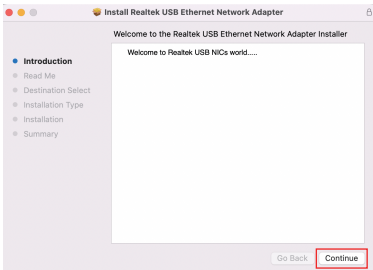


## For Mac OS

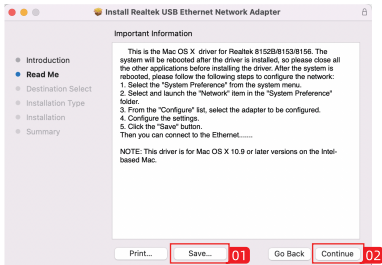
1. Locate the downloaded folder and double click the icon on the desktop.
2. Double-click the icon to open the file.



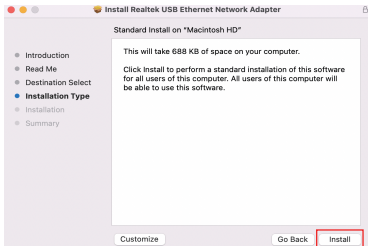
3. Navigate to the wizard window, and click **Continue** to the next step.



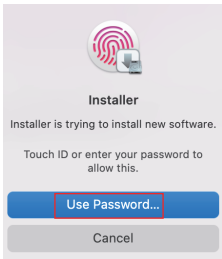
4. Read the Important Information carefully and click **Save**, then click **Continue**.



5. Click **Install** to perform a standard installation of this Network Adapter.



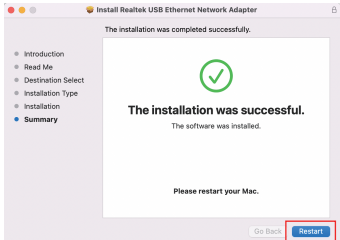
6. Select **Use Password** or use **Touch ID** to allow the software installation.



7. Select **Install Software** after entering the screen password.



8. Please wait patiently for the installation to complete, then click **Restart**.

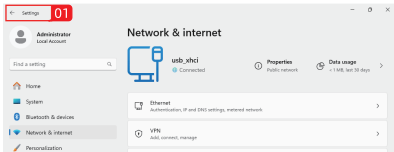


9. Please restart your Mac.

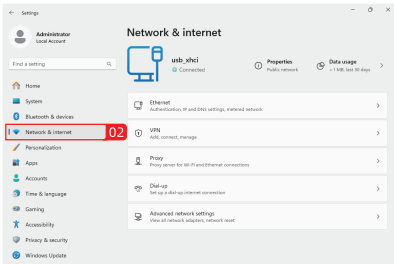
# Jumbo Frames Configuration

To achieve the performance of the 2.5G/5G network card, you need to enable and configure the **Jumbo Frames** for the 2.5G/5G network card.

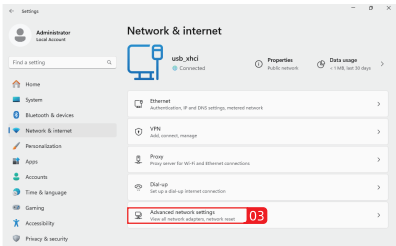
1. In Windows, open “Settings”.



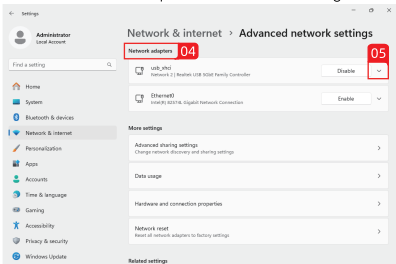
2. Click on “Network & internet”.



### 3. Click on “Advanced network settings”.

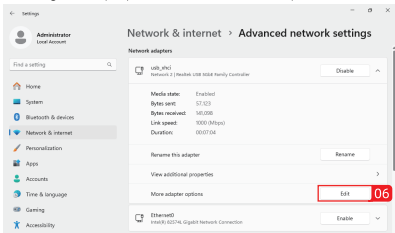


### 4. Locate the “Network adapters” and find the 5G network card, then click the drop-down arrow on the right.

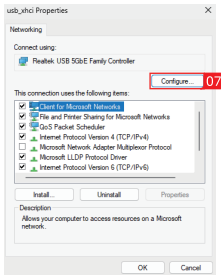


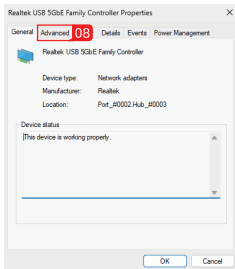


5. Locate “More adapter options”, and click on “Edit” to configure the properties of the network adapter.

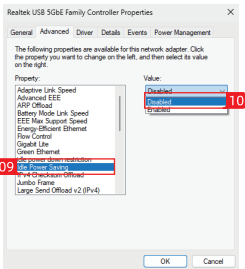


6. Click on “Configure...”, then choose “Advanced”.

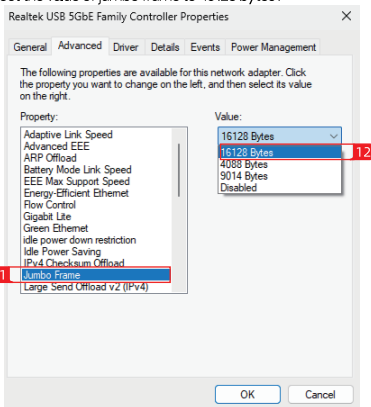




7. Disable the “Idle Power Saving” mode in Property.



8. Set the value of jumbo frame to '16128 bytes'.



## Connecting to a Network

Now you can connect your network device, switch, router, DSL/Cable modem, e.g., to the adapter's LAN port via an Ethernet cable.

### Notes on Ethernet Cables

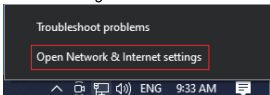
- Sometimes a so-called crossover Ethernet cable is required for connection to certain network equipments. As the adapter's LAN port supports Auto-MDIX feature, it eliminates the need to use crossover cables.

- When the Ethernet adapter is used in the Gigabit network, it's recommended that you use Category 6 Ethernet cable for higher transmission speed.

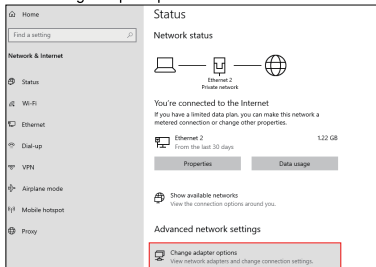
The adapter's AutoSense feature can automatically detect the network's maximum line speed. To have a 1000/2500/5000Mbps connection, your network device (e.g., switch, router or DSL modem) must also support 1000/2500/5000Mbps.

On Windows 10, you can view the connection speed by the steps below:

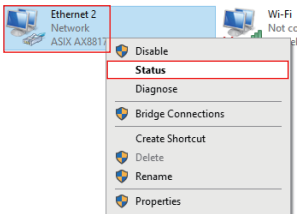
1. Right-click the network icon in the system tray and select **Open Network & Internet settings**



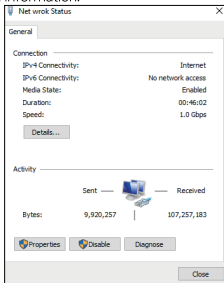
2. Click **Change adapter options**.



3. Right-click the **Ethernet** icon indicating your network adapter and click **Status**.



4. Current connection speed will be displayed among the connection information.

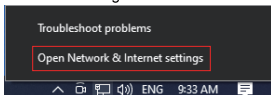


# Configuring Network Settings

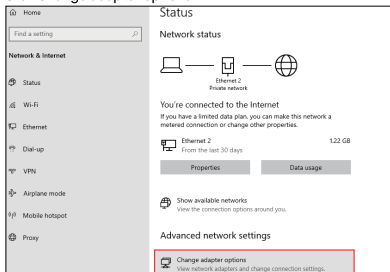
You should configure your Ethernet adapter as required according to your network environment. If you are unsure about the settings, consult with your network administrator for assistance. The following describes how to launch the network settings window for your Ethernet adapter.

To configure network settings for your Ethernet adapter on Windows:

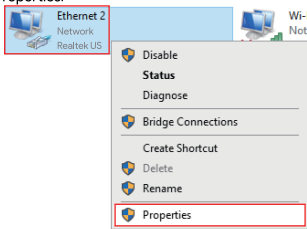
1. Right-click the network icon in the system tray and select **Open Network & Internet settings**.



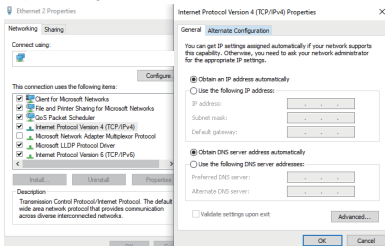
2. Click **Change adapter options**.



3. Right-click the **Ethernet** icon indicating your network adapter and click **Properties**.



4. Then the **Ethernet Properties** window appears for user to make required settings



**Note:** Open a browser and test the connection.

**Q1. Why can Mac OS only achieve a speed of 1G and not 2.5G/5G?**

A1. Currently, the Apple system does not automatically recognize the 2.5G driver, so the driver needs to be manually installed in order to achieve the 2.5G/5G speed. After manually installing the driver, you can go to **System Preferences - Network - Advanced - Hardware-Speed**, and select 2500baseT to achieve the 2.5G/5G speed, ensuring that other hardware supports the 2.5G/5G bandwidth.

**Q2. Why can the Windows only achieve a speed of 1G and not 2.5G/5G?**

A2. Some mainstream PCBs automatically recognize the 2.5G/5G driver, but since 2.5G/5G products are cutting-edge, older or non-mainstream motherboards have not been updated to recognize the 2.5G/5G driver, so the driver needs to be manually installed to achieve the 2.5G/5G speed. After manually installing the driver, you can go to **Device Manager - Network adapters** to select USB 2.5G/5G network card, then right-click to select **Properties - Advanced - Connection Speed and Duplex Mode (Speed&Duplex) - Value**, and choose 2.5G/5G Full Duplex. After that, please ensure that other hardware supports the 2.5G/5G bandwidth.

**Q3. Can this Network Adapter work on mobile phones?**

A3. As of 2021, no mobile phone supporting 2.5G/5G has been found. Currently, all mobile phones are not compatible. When our company updates relevant mobile phone models for compatibility with 2.5G/5G, we will provide further information.



**Q 4.What should I do after installing the 2.5G/5G driver manually?**

**A4. Go to Device Manager - Network adapters to select USB 2.5G/5G network card, then right-click to select Properties - Advanced - Connection Speed and Duplex Mode (Speed&Duplex) - Value, and choose 2.5G/5G Full Duplex. After that, please ensure that other hardware supports the 2.5G/5G bandwidth.**

**Q5. Does the Network Adapter support PXE?**

**A5. The 5G Network Card supports the UEFI PXE function, which is related to the computer's BIOS driver. If it cannot be implemented, try updating the computer's BIOS-related driver or contact the host manufacturer.**

**\*For more details, please contact online customer service to request the driver.**

# Need help?

We're here for you!



**Online support: [wavlink.com](https://wavlink.com)**

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



**[support@wavlink.com](mailto:support@wavlink.com)**

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



**+1 8889730883 (US Local)**

Mon-Fri 9:00 am - 10:00 pm (UTC-5)

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