

Hamlet

USB 3.0 TO GIGABIT LAN USB 3.0 to LAN Adapter 10/100/1000Mbit



User Manual HNU3GIGA

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1. Introduction

The USB 3.0 to Gigabit LAN adapter allows your computer instantly connect to a 10/100/1000Mbps network through simply a USB port. The adapter is compatible with both desktop and notebook PC and combines the Gigabit network interface with the performance of USB 3.0 interface up to 5 Gbps.

Features

- Compliant with USB 3.0 specifications
- Backward compatible with USB 2.0 and USB 1.1
- Supports USB data transfer rate up to 5 Gbps
- Compatible with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Supports IEEE 802.3az (Energy Efficient Ethernet)
- Supports both full-duplex and half-duplex operations
- Powered by USB port
- Plug & Play installation

Package Contents

- USB 3.0 Gigabit Ethernet Adapter
- Driver CD
- User manual

System Requirements

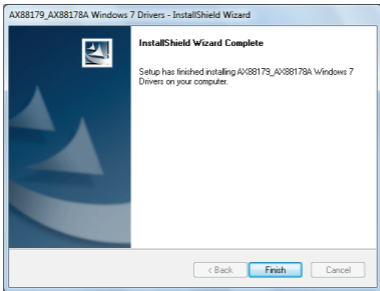
- One available USB port
- Windows XP, Vista, 7, 8 and Windows 10; Mac OS X 10.5 or above; Linux (kernel 2.6.14 or above)

2. Installation

Caution: DO NOT connect the Ethernet Adapter to your computer before you install the provided driver.

Windows installation

1. Insert the provided CD into your disc drive. Please locate and double-click the **setup.exe** file in the folder relative to your Windows OS under **x:\Driver\Windows** (where x is your disc drive letter).
2. The InstallShield Wizard starts the installation.
3. When the installation is complete, click **Finish**.



*Notice: You may need to restart system after finishing the installation.

4. Connect the Ethernet adapter's USB end to a free USB port of your computer. Then a pop-up message will appear in the notification area indicating the installation is complete.

Now the installation is complete. You can connect the adapter to a network device by an Ethernet cable:

1. Connect an Ethernet cable to the Ethernet port on the adapter.
2. Connect the other end of the Ethernet cable to your network hub, switch or router.

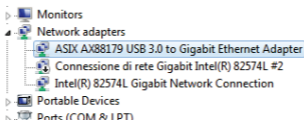
The green LED indicator lights up when the adapter is correctly connected to a network. If the LED doesn't light up, please verify the cable connections between network devices.

The yellow LED indicator shows network activity and blinks during data transmission.

Verifying the driver Installation on Windows

Once you finish the installation, you can open Windows **Device Manager** to verify if your Ethernet Adapter is properly installed.

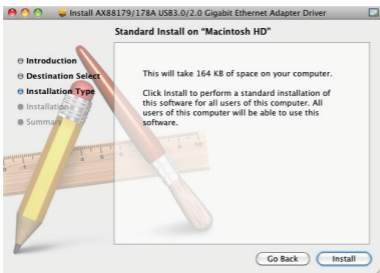
In the **Network adapters** group, an item named **ASIX AX88179 USB 3.0 to Gigabit Ethernet Adapter** should be displayed like the image below.



If there is a question or exclamation mark next to that item, then the driver is not properly installed. Please delete the item, select the **Delete the driver software for this device** option (if provided), unplug the adapter from your computer and then repeat the installation steps.

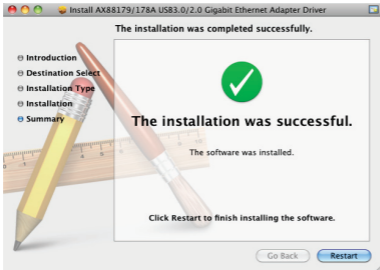
MAC OS X installation

1. Insert the provided driver CD into your CD-ROM drive. Double-click the CD icon and navigate to the directory **Driver\Mac**.
2. Open the directory relative to your Mac OS version and double-click the **AX88179.dmg** image file.
3. Now double click the **AX88179** package to install the driver.
4. In the windows that appears, please click on **Continue** to start the installation wizard.
5. Please click on **Install**.



6. Wait the proceeding of the installation. You might need to enter your user/password during the driver installation.
7. Click the **Continue Installation** button to continue the installation operation.

8. When the installation is complete. Click the **Restart** button.



After the system reboot, you can connect the adapter to the computer and to a network device with an Ethernet cable:

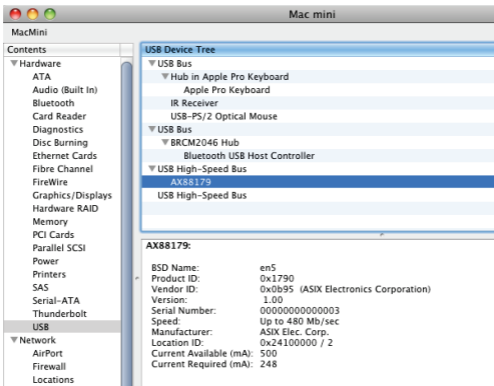
1. Connect an Ethernet cable to the Ethernet (RJ45) port on the adapter.
2. Connect the other end of the Ethernet cable to your network hub, switch or router.

N.B. The screenshots shown in these steps depend on the version of your operating system and may vary slightly.

Verifying the driver installation on Mac OS

Once you finish the installation of Ethernet Adapter, please open your **System Profiler** to check the driver installation.

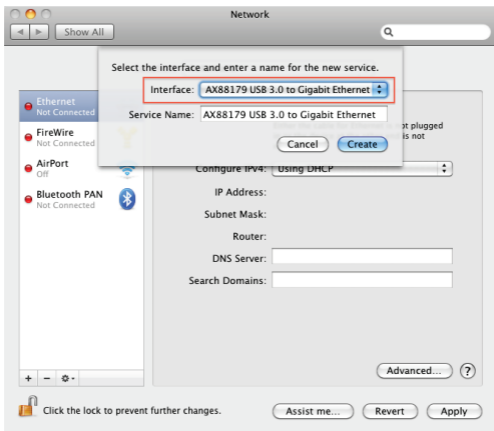
1. To open System Profiler, choose **Apple Menu > About This Mac**, and then click **More Info**.
2. In the left column of System Profiler's window, select **USB** under the **Hardware** group and verify that the AX88179 driver is present.



If the information about the driver is reported correctly so the device is properly recognized by the system.

3. Now open **System Preference > Network** window to verify the installation of **USB Ethernet** interface.

4. If the USB Ethernet interface is not in the list, click on the + icon button at the bottom of the list box.
5. In the window that appears, select **AX88179 USB 3.0 to Gigabit Ethernet** from the drop-down list and press the **Create** button.

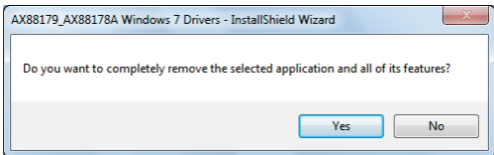


The USB to LAN network adapter is now installed. If the device is already connected to your local network, the icon next to the name should turn green and the status appears as "Connected".

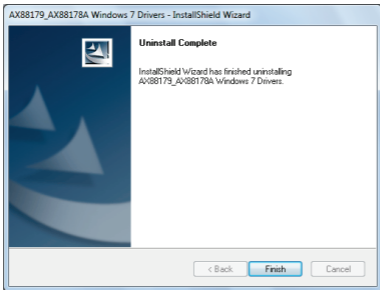
3. Uninstalling the Driver (Windows)

Please take these steps to uninstall Driver:

1. Open the **Control Panel, Programs and Features** and double-click **Uninstall a Program**.
2. Select **AX88179_AX88178A driver** and click Uninstall or Remove.
3. Select **Yes** to start the uninstall process.



4. Once uninstallation is completed, click **Finish**.



4. Specifications

- Network Standards:
IEEE 802.3: 10Base-T
IEEE 802.3u: 100Base-T
IEEE 802.3ab: 1000Base-TX
IEEE 802.3az Energy Efficient Ethernet
- Data Transfer Rates:
Ethernet: 10 Mbps
Fast Ethernet: 100 Mbps
Gigabit Ethernet: 1000 Mbps
- Supports full duplex flow control (IEEE 802.3x)
- Ports and connectors:
1x USB 3.0 type A male connector
1x RJ45 Ethernet port
- LED Indicators:
1x Activity (yellow)
1x Link (green)
- Power supply: USB powered
- Dimensions (without cable): 74 x 25 x 15 mm
- Cable length: 145 mm
- Weight: 45 g
- Operating Temperature: 0 to 40 °C

* Specifications are subject to change without further notice.