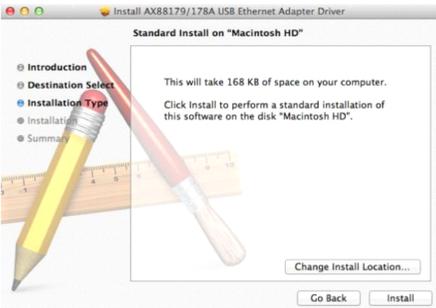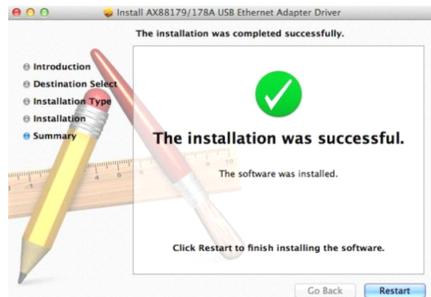Step 3: Click the [Install] button to continue the installation operation. You might need to enter your user/password during the driver installation.

Step 4: Click the [Continue Installation] button to continue the installation operation.


Step 5: Click the [Restart] button to restart Mac OSX system to take effect the revised driver installation.

Step 6: After booting up your Mac OSX system, plug your AX88179/AX88178A USB dongle onto the USB port of your Mac OSX system and refer to the following information to double check if your USB dongle had been identified properly by Mac OSX system and the AX88179/AX88178A Mac OSX driver was installed correctly or not.
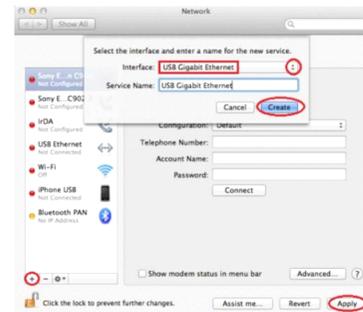
(1) You can check the Vendor/Product ID information of your USB dongle from here.

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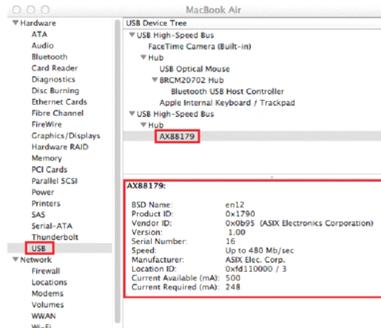
(2) You can check the installed AX88179/AX88178A Mac OSX driver version information by running the "**kextstat**" command.

Step 7: Please refer to below figure to add a new "**USB Gigabit Ethernet**" network interface and then press the [Apply] button to take effect the new network interface.

Step 8: The new "**USB Gigabit Ethernet**" driver should be ready now.

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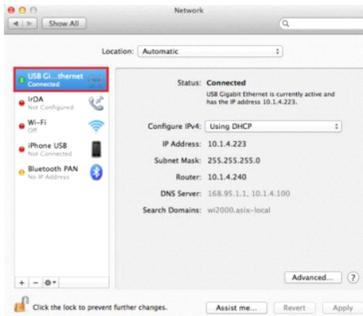
USB 3.0 to Gigabit Ethernet

User Manual
Ver. 1.00

Product Brief

The 88179 Low-power USB 3.0 to 10/100/1000M Gigabit Ethernet controller is a high performance and highly integrated NIC which enables a low cost, small form factor, and simple plug-and-play. It delivers a Fast Ethernet network connection capability fordesktops, notebook PC's, Ultra-Mobile PC's, game consoles, digital-home appliances.

Features

- Single chip USB 3.0 to 10/100/1000M Gigabit Ethernet controller with Energy Efficient Ethernet (EEE) base on digital signal processing (DSP) technology with low dissipation
- Integrates on-chip USB 3.0 PHY and controller compliant to USB Spec 3.0, 2.0 and 1.1
- Supports all USB 3.0 power saving modes (U0, U1, U2, and U3)
- Supports USB Super/High/Full Speed modes with Bus-power or Self-power device auto-detect capability
- High performance packet transfer rate over USB bus using proprietary burst transfer mechanism
- Supports IEEE 802.3az (Energy Efficient Ethernet)
- IEEE 802.3, 802.3u and 802.3ab compatible
- Integrates 10/100/1000Mbps Gigabit Ethernet MAC/PHY
- Supports dynamic cable length detection and dynamic power adjustment Green Ethernet (Gigabit mode only)
- Supports parallel detection and automatic polarity correction
- Supports crossover detection and auto- correction
- Supports IPv4/IPv6 packet Checksum Offload Engine (COE) to reduce CPU loading, including IPv4 IP/TCP/UDP/ICMP/IGMP & IPv6 TCP/UDP/ICMPv6 checksum check & generation
- Supports TCP Large Send Offload V1
- Supports full duplex operation with IEEE 802.3x flow control and half duplex operation with back-pressure flow control
- Supports IEEE 802.1P Layer 2 Priority Encoding and Decoding
- Supports IEEE 802.1Q VLAN tagging and 2 VLAN ID filtering; received VLAN Tag (4 bytes) can be stripped off or preserved
- Supports Jumbo frame
- PHY loop-back diagnostic capability
- Supports suspend mode and remote wakeup via link-change, Magic Packet, Microsoft Wakeup Frame and external wakeup pin
- Supports Bonjour wake-on-demand
- Supports power management offload (ARP & NS)
- Supports dynamic power management to reduce power dissipation during idle or light traffic
- Supports AutoDetach power saving
- Supports advanced link down power saving when Ethernet cable is unplugged

- Single 25MHz clock input from either crystal or oscillator source
- Integrates on-chip power-on reset circuit
- Integrates pipelined RISC (System on a Chip, SoC) for handling protocol and control functions
- Operating over 0°C to 70°C temperature rang

* IEEE is a registered trademark of the Institute of Electrical and Electronic Engineers, Inc.
* All other trademarks and registered trademark are the property of their respective holders

Package Contents

- 1 x User Manual
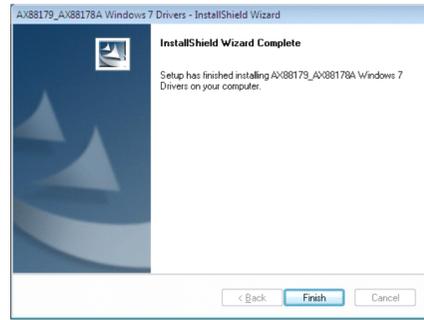- 1 x Ethernet
- 1 x Driver CD

System Requirements:

- Windows 2000/XP/Vista/7 /8 and Server 2003/2008
- Mac OS up to 10.1
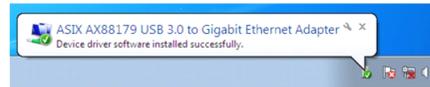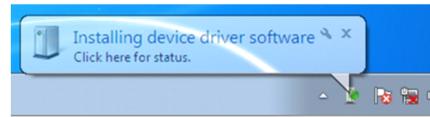- Linux /Android 4.0 or higher

Driver Installation Guide

A. Windows Driver Installation Guide

1. Insert the provided CD into your disc drive. Then locate and double-click the **setup.exe** (file under **x:\ASIX\88179\Windows\Win7_Setup** ,where x is your disc drive letter.)
2. click **Finish**. installation is complete

3. Connect the Ethernet adapter to a free USB port.
4. **When you see the screen below**

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

Verifying the Driver Installation
Once you finish the installation, you can open Windows Device Manager to verify if your Ethernet adapter is properly installed.
To access the Device Manager:
On Windows 7: Right-click Computer on the desktop and **click Properties** > **Device Manager**.
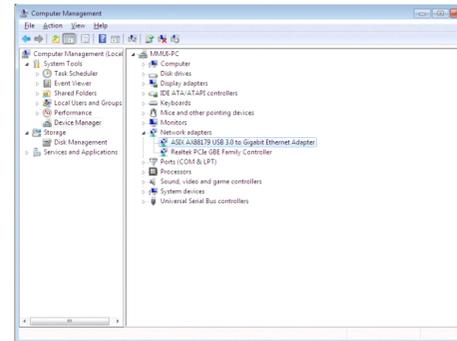
On Windows 2000/2003/XP: Right-click My Computer on the desktop and click Properties>(Hardware) > Device Manager.

In the Network adapters group, an item named HighSpeed USB-Ethernet Adapter should be displayed.
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.

### B. Mac OS X Drivers Installation Guide

1. **Introduction**
   This document contains the installation and uninstallation information of Ax88179/AX88178A Mac OS X 10.6 to 10.8 driver.

2. **Driver Installation Procedures**
   The AX88179/AX88178A Mac OSX driver installation package is **"AX88179_178A.dmg"**. The following is an example of ASIX"s Ax88179/AX88178A Mac OSX driver installation procedures.

Step 1: Click the **"AX88179_178A.dmg"**, the following **"DISK IMAGE"** virtual disk will be appeared on the Desktop of your Mac OSX system. (This **"DISK IMAGE"** virtual disk will be auto-removed after rebooting Mac OSX system.)
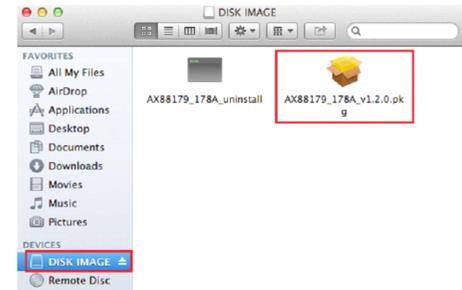
Step 2: Click the **"AX88179_178A_v1.2.0.pkg"**, the following driver setup dialog will appear. Click the [Continue] button to start the installation operation and follow the instructions to continue the installation.