

**USB 3.1 Gen 1 5G 4-Speed
Multi-Gigabit Ethernet Adapter**

User Manual

Ver. 1.00

**All brand names and trademarks are properties of their
respective owners.**

Contents:

| | |
|---|----------|
| Chapter 1: Introduction | 3 |
| 1.1 Product Introduction | 3 |
| 1.2 Features..... | 3 |
| 1.3 System Requirements | 4 |
| 1.4 Package Contents..... | 4 |
| Chapter 2: Getting Started | 4 |
| 2.1 Hardware Installation | 4 |
| 2.2 Driver Installation..... | 5 |
| 2.2.1 Installation for Windows..... | 5 |
| 2.2.2 Installation for Linux | 6 |
| 2.3 Hardware Verify..... | 7 |
| 2.3.1 Verifying for Windows..... | 7 |
| 2.3.2 Verifying for Linux | 8 |

Chapter 1: Introduction

1.1 Product Introduction

This USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter lets your MacBook or laptop connect directly to the internet via Ethernet cable, this compact and portable adapter is ideal as a desktop replacement network adapter or laptop accessory.

1.2 Features

- Compliant with Universal Serial Bus 3.1 Gen 1 Specification, Revision 1.0
- Supports 100/1000/2500/5000 Mbps Ethernet
- Compatible with NBASE-T Alliance PHY, IEEE 802.3bz
- Supports advanced link down power saving when Ethernet cable is unplugged
- LEDs indicate the status of Power status and Ethernet connection
- Up to 16KB jumbo frames

1.3 System Requirements

- Windows® 7/8/8.1/10 (32/64 bit)
- Linux 3. x or later; Linux 4. x or later

1.4 Package Contents

- 1 x USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter
- 1 x Driver CD
- 1 x User Manual

Chapter 2: Getting Started

2.1 Hardware Installation

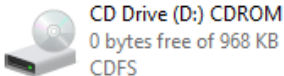
1. Plug the USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter directly into an available USB port on your computer.
2. Connect one end of your network cable into the RJ45 port of USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter.
3. Connect the other end of the network cable into an available Ethernet port on your router, switch, or any other networking device.

2.2 Driver Installation

The following section shows you how to install the USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter driver on different operating systems.

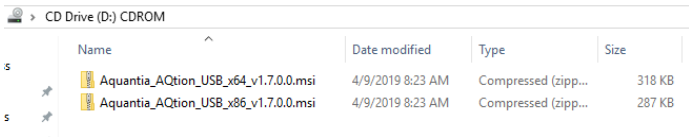
2.2.1 Installation for Windows

1. Plug the USB 3.1 Gen 1 5G 4-Speed Multi-Gigabit Ethernet Adapter directly into an available USB port on your computer. The CD-ROM will start automatically. The following screen will show up and please click “**CD-ROM**”.



Note: If the install program doesn't run automatically, please insert the CD and follow the path “Driver\AQC USB Network\Windows”, select the driver that matches the system.

2. Choose a driver that matches the system.



| Name | Date modified | Type | Size |
|--------------------------------------|------------------|---------------------|--------|
| Aquantia_AQtion_USB_x64_v1.7.0.0.msi | 4/9/2019 8:23 AM | Compressed (zipp... | 318 KB |
| Aquantia_AQtion_USB_x86_v1.7.0.0.msi | 4/9/2019 8:23 AM | Compressed (zipp... | 287 KB |

3. Follow the instructions on screen to install the driver.

2.2.2 Installation for Linux

1. Insert the provided CD into your CD-ROM drive.
2. Extract the compressed driver source file to a certain directory by the following command: (Please copy the driver file “fiji.tar.gz” from the CD folder “.\ Driver\AQC USB Network\linux” to a certain folder on hard drive)

```
# tar xf fiji.tar.gz
```

3. Now, the driver source files should be extracted under the current directory. Executing the following command to compile the driver:

```
# make
```

4. If the compilation is well, the fiji.tar.gz will be created under the

current directory.

5. If you want to use modprobe command to mount the driver, executing the following command to install the driver into your kernel:

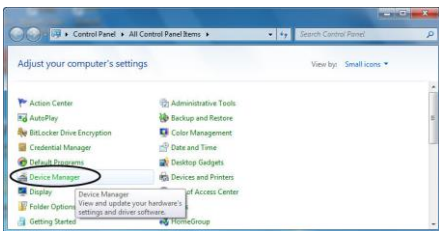
```
# make install
```

2.3 Hardware Verify

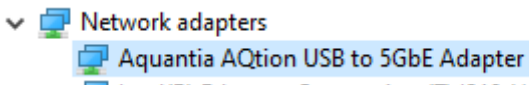
2.3.1 Verifying for Windows

1. Click on the “**Device Manager**” tab in the Windows Control Panel.

Start > Control Panel > Device Manager



2. Entry “**Network adapters**” item, and you can read “**Aquantia AQtion USB to 5GbE Adapter**” in the Device Manager.



2.3.2 Verifying for Linux

1. You can check whether the driver is loading by using following commands:

```
# ifconfig -a
```

If there is a device name, etX, shown on the monitor, the linux driver is load. Then, you can use the following command to activate the etX.

```
# ethtool -i enX
```