PCIe USB 3.1 Card

User Manual

Ver. 1.00

Contents:

Chapter 1: Introduction

1.1 Features

- Support 2 ports of USB3.1
- Support PCI Express Gen-Ⅲ x2
- Compliant with PCI Express Base 3.0 Specification
- Compliant with USB Specification Revision 2.0
- Compliant with USB 3.1 Specification Revision 1.0
- Up to USB3.1 Gen-Ⅱ 10Gbps Bandwidth Performance with Low Latency
- Backward Compatible with USB 3.0/2.0/1.1 Interface
- Compliant with USB Power Delivery 2.0 and USB Type-C Revision 1.2 (model dependent)
- USB Type-C Power Delivery port for charging notebook, tablets or smartphones (model dependent)
- Support Over Current Detection
- 15-pin SATA Power Connector or 2x4 Auxiliary Power Connector (model dependent)

1.2 System Requirements

- Windows® 7/8/8.1/10 (32/64 bit)

  Windows Server 2012

  MacOS 10.10 or later

  Linux 3.5 or later

- One available PCI Express slot (x4, x8, or x16)

1.3 Package Contents

- 1 x PCIe USB 3.1 Card
- 1 x User Manual
- 1 x Driver CD
- 1 x Low Profile Bracket

Chapter 2: Getting Started

2.1 Hardware Installation

1. Turn off the power of your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCI Express slot (x4, x8, or x16).
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Secure the computer cover and reconnect the power cord.

2.2 Driver Installation

1. Insert the provided CD into your disk drive. The CD-ROM will start automatically. The following screen will show up and please click **"Install Driver"**.

*Note: Actual image may vary

Note: If the install program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

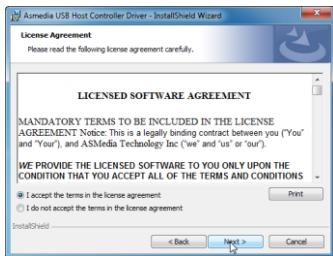2. Please click **"ASM2142"** to start the installation.

*Note: Actual image may vary

3. Click **"Next"** to continue.

Please check accept license agreement box, and click **"Next"** to

continue.

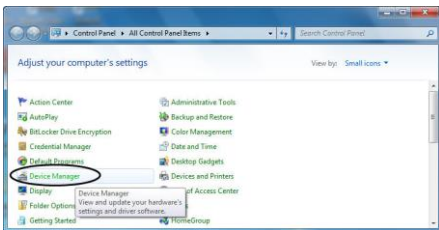4. Click **"Finish"** to end of the driver installation steps.

Note: The USB 3.1 2-Port PCI Express Card's driver was embedded into Windows 8/8.1/10 OS. That's, the driver can be installed into Windows 8/8.1/10 automatically.
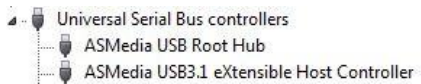
2.3 Hardware Verify

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

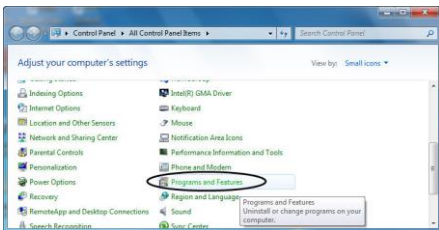   **Start > Control Panel > Device Manager**

2. Entry **"Universal Serial Bus controllers"** item, and you can read **"ASMedia USB3.1 eXtensible Host Controller"** and **"ASMedia USB Root Hub"** in the Device Manager.

2.4 Driver Uninstall

1. Click on the **"Programs and Features"** tab in the Windows Control Panel.

Start > Control Panel > Programs and Features

2. Entry **"Uninstall or change a program"** page, and double click **"Asmedia USB Host Controller Driver"** to process driver uninstallation procedure.