

# USB 3.1 2-Port PCIe Host Adapter - Type-A Installation Guide

## Introduction

The *USB 3.1 2-Port PCIe Host Adapter - Type-A* adds two USB 3.1 ports to your PCIe-enabled desktop PC, and the latest USB 3.1 technology supports data transfer rate up to 10Gb/s (Two times faster than USB 3.0).

## **Key Features and Benefits**

- Simply add two USB 3.1 Type-A ports to your desktop computer via available PCI Express slot
- Complies with PCI-Express 3.0 version standard with high performance Asmedia ASM1142 chipset
- Supports plug-n-play, hot-swappable, and backward compatible with USB 3.0 / 2.0 / 1.1 devices

- Each USB port provides power output to 900mA to better support the power consumption of connected device
- Built-in 4-pin power connector to connect with system power supply as needed to ensure sufficient power supplied through USB port
- Dual-profile bracket design (Full and Low Profile) fits different system form factors with included low profile bracket
- Each USB port features over-current protection to further protect your device

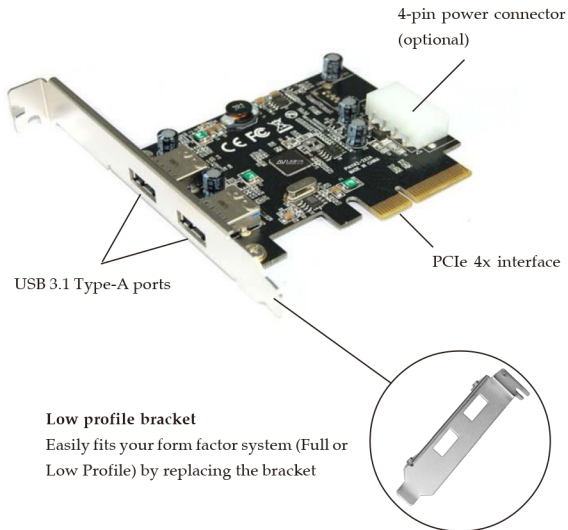
## **Package Contents**

- *USB 3.1 2-Port PCIe Host Adapter - Type-A*
- Low profile bracket
- Installation guide

## **System Requirements**

- Desktop PC with one available 4x or larger PCIe slot
- Windows 8.1 / 8
- Various Linux Kernels

# Layout



**Figure 1: Layout**

**\*Note:** The host adapter will work with or without the 4-pin power connected. However, we recommend this connection if your USB devices are not recognized, lose connection to Windows randomly or all ports are connected to USB devices.

## Hardware Installation

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Since the design of computer cases and motherboards vary, refer to your computer's reference manual for further information.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

1. Turn OFF the power to your computer and any other connected peripheral devices.
2. Unplug the power cord from the computer.
3. Remove your computer cover.
4. Remove the slot bracket from an available PCIe slot.
5. Carefully align the card's bus connector with the selected PCI Express slot on the motherboard. Push the card down firmly, but gently, until it is well seated.
6. Replace the slot bracket holding screw to secure the card.

7. Connect the system power supply to the cards's **4-pin power connector**. This connection is optional. Please see **Layout** on page 3 for more information.
8. Replace the computer cover and reconnect the power cord.

## **Windows Driver Installation**

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Windows 8.1 and 8 have built-in driver support for this adapter. Just install the board and Windows will automatically detect and install the correct drivers for it. No additional driver is needed.

### **To Verify Installation**

1. Right click **This PC** or **Computer** on the desktop, click **Manage**, then click **Device Manager**.
2. Double click **Universal Serial Bus controllers**, and **ASMedia USB ... Controller** should be displayed.