

# 10Gbps USB3.1 USB-A 5V2A 2Ports PCIe Gen3 Low Profile Host Adapter

## 1. Introduction

Fast USB3.1 SuperSpeed+ 10Gbps Type-A 2Ports in Low Profile PCIe Gen3 x4 Lane Host Adapter to provide USB-A bus 5V2A each port, total 5V/4A power!

### 1.1. Features

- PCIe x4 Lane Host Adapter with USB3.1 PCIe Gen3 x2 fast chipset
- Each USB 3.1 Type A port adapt 5V2A bus power, total 5V4A
- USB 3.1 Type A 2x downstream receptacle ports
- Compliant with Universal Serial Bus 3.1 Specification Revision 1.0
- Compliant with Intel eXtensible Host Controller Interface (xHCI) Specification 1.1
- Compliant with USB Attached SCSI Protocol Specification 1.0
- All USB ports can handle SuperSpeed+ (10 Gbps), SuperSpeed (5 Gbps), HighSpeed (480 Mbps), FullSpeed (12 Mbps), and LowSpeed (1.5 Mbps) transaction
- Support USB3.1, USB3.0, USB2.0 and USB1.1 devices
- Compliant with PCI Express Specification 3.0
- Low Profile PCIe Form Factor
- Regular size PCIe bracket on board and Low Profile PCIe Bracket included
- Require an empty PCIe 3.0 x4 or x8 or x16 slot in computer for USB3.1 full performance
- Mac10.8 to 10.10, Mac10.12, Windows 10 / 8, **Server 2012 and later**, Linux kernel 2.6.31 and later OS in-box USB driver natively support UASP, no additional driver required
- Provides Asmedia driver for **32/64 bit Windows 7/Vista, and Server 2008/2003**
- Mac 10.11 in-box driver Not support USB3.1
- Chipset : Asmedia ASM3142

## 2. Driver Installation

- Install USB3.1 host adapter into an available PCIe x4 or x8 or x16 slot.
- Mac10.8 to 10.10, Mac10.12, Windows 10 / 8, **Server 2012 and later**, Linux kernel 2.6.31 and later OS in-box USB driver natively support UASP, no additional driver required
- The ASMedia driver for 32/64 bit Windows 7/Vista, and Server 2008/2003 is available from our website, [ableconn.com](http://ableconn.com). Please contact [support@ableconn.com](mailto:support@ableconn.com) if you have questions.
- Unzip the downloaded zip file. Please locate and run the “**setup.exe**” to install the Asmedia USB3.1 Controller driver for 32bit /64bit Windows.