

PCI Express to 2 ports USB3.1 Host Controller

User Manual Ver. 1.00

Features

- PCI Express Base Specification Revision 2.0 dual-lane (x2)
- Compliant with Universal Serial Bus 3.1 specification Gen2
- Compliant with USB Attached SCSI Protocol Revision 1.0
- Compliant with xHCI (eXtensible Host Controller Interface) specifications Revision 1.1
- Supports simultaneous operation of multiple USB 3.1, 3.0, USB 2.0 and USB 1.1 devices
- Supports USB data transfer rate of 10G/5G/480/12/1.5 Mbps
- Expands dual external USB3.1 Super-Speed plus Type-A ports on the system
- Each USB port supplies maximum +5VDC / 900mA power output to USB device
- Built-in over current protection on each USB port
- Support device remote wakeup function from USB keyboard or mouse
- Support Control, Bulk, Stream, Interrupt, Isochronous transfer type
- Operation Temperature: 0 to 60°C (32 to 140°F)
- Storage Temperature: -20 to 70°C (-4 to 158°F)
- Operation Humidity: 5 to 95% RH

Package Contents

- 1 × PCI Express to 2 ports USB3.1 Host Controller Card
- 1 × User Manual
- 1 × Driver CD
- 1 x Low Profile Bracket

System Requirements

- Windows 7 (X86/X64)
- Windows 8.x / 10 (X86/X64) (Windows in-box driver)
- Support Linux 2.6.31 or later (Linux OS already implemented USB3.0 driver)

Hardware Installation

1. Turn off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCI-E slot.
4. To install the board, carefully align the card's bus connector with the selected PCI-E slot on the motherboard. Push the board down firmly.
5. Attach your internal devices to the PCI-E 1142 Card.
6. Replace the slot bracket's holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

1. Please insert the CD driver into your CD ROM.
2. Into the CD ROM (X:\Asmedia\ASM1142)
3. Double click "setup"
4. Follow the on-screen instructions to complete the installation.
5. Restart windows to complete the installation.