PCI Express to USB3.1
Type-A + Type-C 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
- 2 External USB 3.1 Receptacles
- 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 single external USB3.1 Super-Speed + Type-C port (DFP) on the system
- 5V/3000mA power output for Type C port
- 5V/900mA power output for Type A port
- A type c female, an external USB3.1 interface and internal SATA power
- Power Input: 15-pin SATA CD-ROM Type Power Connector
- 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 USB3.1 Type-A + Type-C 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. Built-in 15-pin SATA power connector for receiving extra power supply from system
8. 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.