

Mini PCI Express To 1 Port USB 3.1 Type-C Host Controller

User Manual Ver. 1.00

Features

- Mini PCI Express Base Specification
- Compliant with Universal Serial Bus 3.1 specification Gen2
- Compliant with xHCI (eXtensible Host Controller Interface) specifications Revision 1.1
- Compliant with USB Attached SCSI Protocol Revision 1.0
- 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
- Built-in over current protection on each USB port
- Each USB port supplies maximum +5VDC / 3A power output to USB device
- Support device remote wakeup function from USB keyboard or mouse
- Hot-swapping feature allows connect/disconnect device without powering down the system
- Power Input: 2-pin Cable Type Power Connector
- 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 × Mini PCI-e USB 3.1 Type-C Card
- 1 × User Manual
- 1 × Driver CD
- 1 × 2-Pin Molex Power cable

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 USB 3.0 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 mini PCI-E slot.
4. To install the board, carefully align the card's bus connector with the selected Mini PCI-E slot on the motherboard. Push the board down firmly.
5. Attach your internal devices to the mini PCI-E 1142 Card.
6. Replace the slot bracket's holding screw to secure the card.
7. Built-in 2-pin Cable power connector for receiving extra power supply from system
8. Replace the computer cover and reconnect the power cord.

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