

Mini PCI Express USB 3.0 adapter card, RoHs

# MPCIE-USB3

## Quick Installation Guide

### Version 1.1

Oct. 01, 2014

#### Package Contents:

MPCIE-USB3 package includes the following items:

- 1 x MPCIE-USB3 mini PCI Express USB 3.0 adapter card
- 1 x Dual USB 3.0 type A ports cable with bracket
- 1 x power cable
- 1 x QIG (Quick Installation Guide)



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## Features:

1. Supporting two external USB 3.0 type A ports
2. USB 3.0 provides up to 5Gbps of transferring rate
3. Backward compatible with USB 2.0 and USB 1.0/1.1 devices
4. Fully compliant with USB 3.0 rev 1.0 specifications and Intel xHCI rev 0.96 specifications, with transfer rates up to 5Gbps
5. Compliant with PCI Express Mini Card specification 1.2

## Specification:

- USB 3.0 Controller IC: Asmedia ASM1042A
- USB 3.0 Internal Connector: 1 x 20-pin (2x10) box header
- Power Jack: 1 x 4-pin box header
- Compatible OS:
  - Windows 2000/ XP/ Server 2003/ Server 2008/ Vista/ 7
  - Linux kernel version 2.6.32 above
- Operating Temperature: -10°C ~ 60°C
- Operating Humidity: 5% ~95%, non-condensing
- Dimension (LxW): 50mm x 30mm
- Weight: 70g

## Ordering Information:

- MPCIE-USB3-R11: Mini PCI Express USB 3.0 adapter card, RoHs
- 19800-010500-100-RS: Dual USB 3.0 type A ports cable with bracket

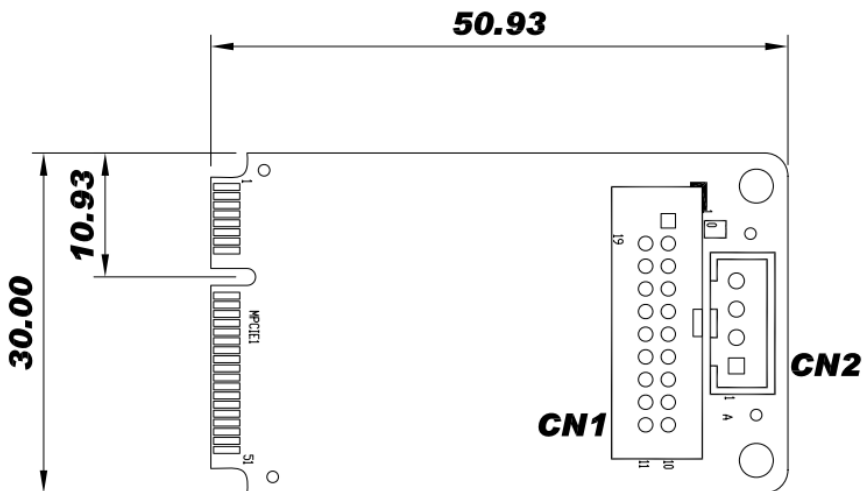
## Jumpers setting and Connectors:

LABEL	FUNCTION
CN1	USB 3.0 Connector
CN2	Power Connector

CN1 : USB3.0 Connector			
PIN NO.	DESCRIPTION		
1	VCC1	11	SBD1+
2	USB3_RX1_DN	12	SBD1-
3	USB3_RX1_DP	13	GND
4	GND	14	USB3_TX2_DP
5	USB3_TX1_DN	15	USB3_TX2_DN
6	USB3_TX1_DP	16	GND
7	GND	17	USB3_RX2_DP
8	SBD0-	18	USB3_RX2_DN
9	SBD0+	19	VCC2
10	NC	20	NC

CN2 : Power Connector	
PIN NO.	DESCRIPTION
1	+V5S
2	+V5S
3	GND
4	GND

# Board Layout: Jumper and Connector Locations



(Unit:mm)