

# **USB-to-ExpressCard Bay**

## **Quick Installation Guide**

### **1. Introduction**

#### **1-1 Features and Benefits**

- Compliant with USB specification rev 2.0
- Compliant with ExpressCard/34 and ExpressCard/54 module outline dimension
- Adds easy-front-access USB 2.0 based ExpressCard interface into various types of desktop computer
- Works with various types of USB 2.0 based EV-DO (3G) or HSDPA (3.5G) broadband ExpressCard PC Cards through USB 2.0 port

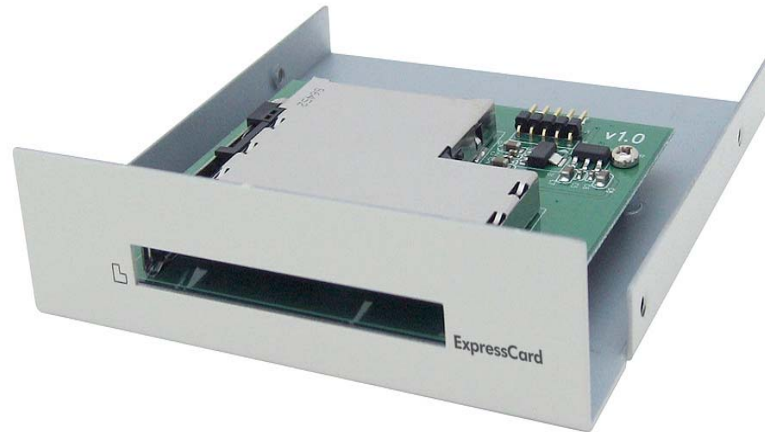
#### **1-2 System Requirements**

- USB 2.0-equipped desktop PC with one available USB 2.0 port
- Windows 2000 or later

#### **1-3 Package contents**

- USB-to-ExpressCard Bay
- USB 5-pin upstream cable
- 5.25” mounting rack with holding screw set
- Quick installation guide

## 1-4 Product Layout & USB cable definition



**USB-to-ExpressCard Bay layout**



**USB 5-pin cable image**

	Wire color	Signal
Pin 1	Red	+5VDC
Pin 2	White	DATA-
Pin 3	Green	DATA+
Pin 4	Black	Ground
Pin 5	Black	Ground

**USB 5-pin cable wiring color and pin assignment**

## **2. Installation**

### **2-1 Static Electricity Precaution**

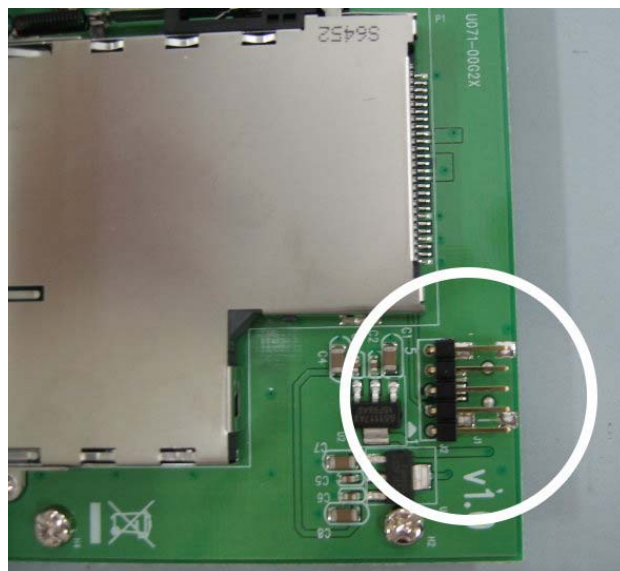
One of the routine precautions you must be aware of when working with computer components is the problem of static electricity discharge

**Caution:** Static Electricity Discharge may permanently damage your system. To avoid possible static electricity discharge during the installation, please follow the guidelines below:

- Discharge any static electricity build up in your body by touching a large grounded metal surface or the computer case (if plugged in), for a few seconds
- During the installation, avoid any contact with internal parts

### **2-2 Hardware Installation**

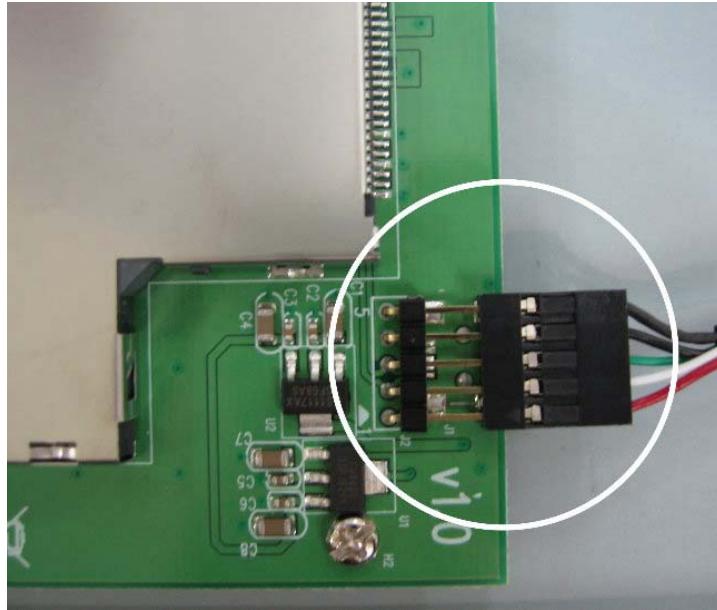
1. Unpack the package and take the USB-to-ExpressCard Bay out. Find the location of USB 5-pin header port on the Bay, please refer to the following image.



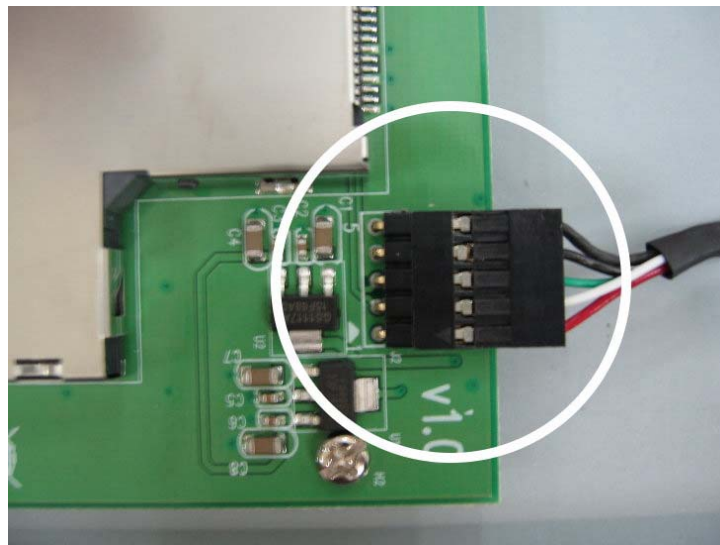
**Location of USB 5-pin header port on USB-to-ExpressCard Bay**

2. Unpack the package of USB 5-pin cable and take the cable out. Please refer to the following images and make sure the correct cable connection.

**Note: Wrong cable connection will make serious damage to the product.**

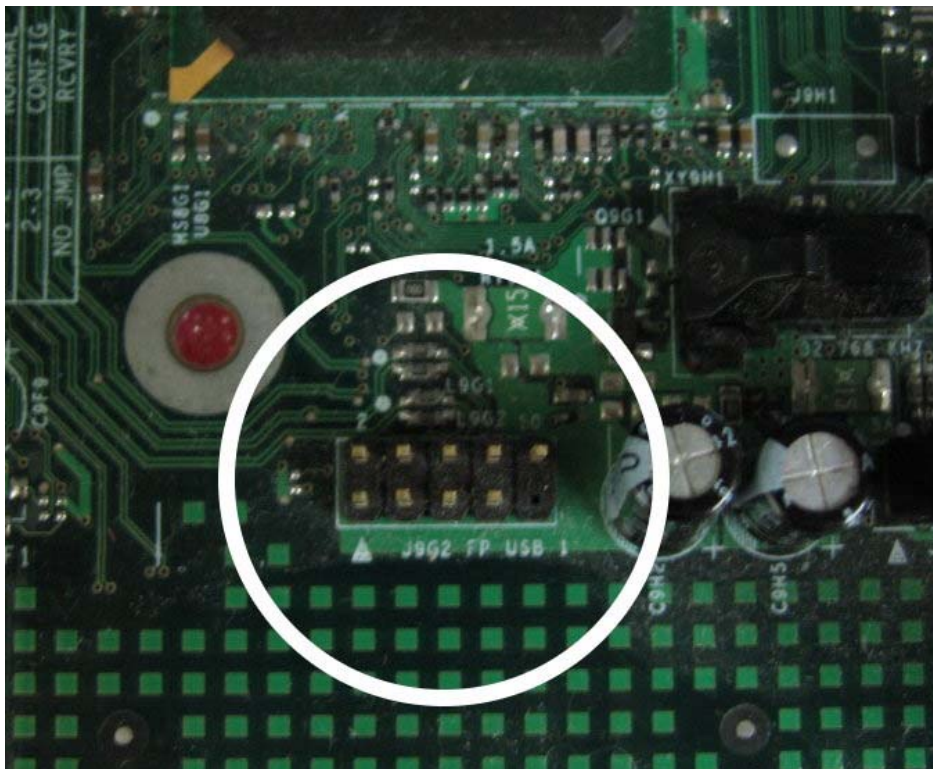


**The connecting direction of USB 5-pin cable**



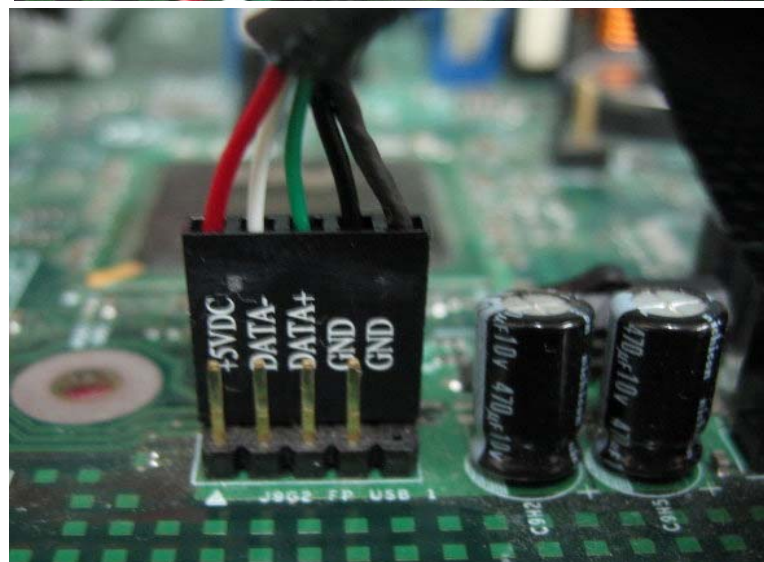
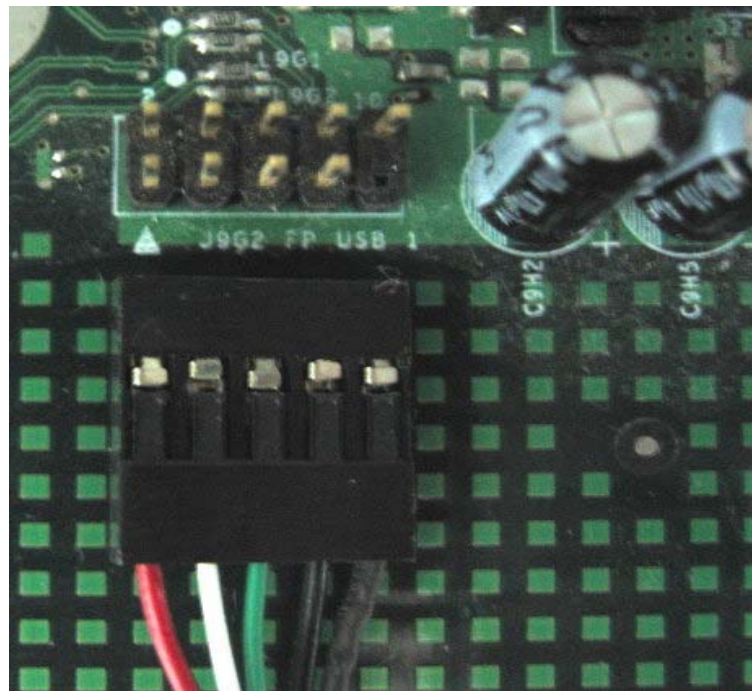
**After USB 5-pin cable connection**

3. Turn OFF the power to your computer and all connected peripheral devices.
4. Unplug the power cord from the back of the computer.
5. Remove the computer's cover.
6. Select an available 3.5" or 5.25" drive bay for mounting the USB-to-ExpressCard Bay, remove the cover plate from the selected drive bay. Secure the USB-to-ExpressCard to the drive bay by using the supplied holding screw set.
7. Select an available USB 2.0 port on your motherboard. Please refer to the following image. (Every motherboard's USB 2.0 port may vary in its design. Please refer to the user's manual of your motherboard.)



**Find the USB 5-pin port location on your motherboard**

8. Make sure the pin 1 position of the USB 5-pin port. Please refer to the following images and make sure the correct cable connection.



**Connecting USB 5-pin cable to your motherboard**

9. Replace the computer cover and reconnect the power cord.  
The USB-to-ExpressCard Bay is now ready.

**Please make sure the on-board USB port are enabled before system boot-up. Refer to the user's manual of your motherboard.**

10. Insert your ExpressCard into this USB-to-ExpressCard Bay every time before you start the system. Otherwise, your system may not support hot-swap feature for your ExpressCard.

**Note: It is caused by the system firmware design. This issue may be resolved under the update of system BIOS**

**FC CE**



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