

# DP USB 3.0 4-Port PCIe i/e

## Quick Installation Guide

### **Introduction**

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The *DP USB 3.0 4-Port PCIe i/e* adds four USB 3.0 ports (1 internal & 3 external) to your PCIe-enabled desktop PC enhancing existing systems with SuperSpeed USB 3.0 technology.

### **Key Features and Benefits**

- Supports data transfer rate up to 5Gb/s and backward compatible with previous versions of USB devices
- Compliant with Universal Serial Bus 3.0 Specification
- Compliant with PCI Express Base Specification, Revision 2.1
- Supports per port over-current protection

### **System Requirements**

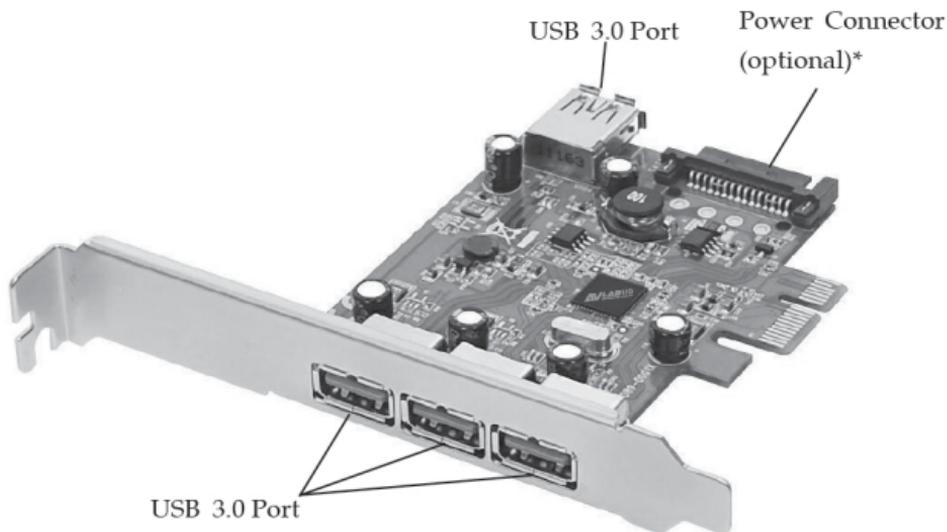
- Desktop PC with an available PCIe slot

- Windows® 8 (32-/64-bit) / Windows 7 (32-/64-bit) / Vista (32-/64-bit) / Server 2008 R2 / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit)

## **Package Contents**

- *DP USB 3.0 4-Port PCIe i/e adapter*
- Spare low profile bracket
- Driver CD
- Quick installation guide

# Layout



**Figure 1: Board Layout**

**\*Note:** This power connector is designed to provide additional power to the board when needed. Connect this power connector only if one or both of the following conditions occur:

- Device(s) not being detected
- All ports are used at the same time

Power off your system first before making this connection.

## Hardware Installation

General instructions for installing the card are provided below. Since the design of computer cases and motherboards vary, refer to your computer's reference manual for further information, if needed.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer's case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

**Note:** For low profile systems, remove the full height bracket and install the low profile bracket now.

1. Turn OFF the power to your computer and any other connected peripheral devices.
2. Unplug the power cord from the back of the computer.
3. Remove your computer cover.
4. Remove the slot bracket from an available PCIe slot.

5. Carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly, but gently, until it is well seated.
6. Replace the slot bracket holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

## Driver Installation

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Note: For Windows 8, the driver is already embedded in the operating system. So no additional installation steps are needed.

### Windows 7 (32-/64-bit) / Server 2008 R2

1. Install the board and boot up Windows.
2. Insert the driver CD, click **Open folder to view files** at the **AutoPlay** box.
3. Double click **Setup** file.
4. At the **User Account Control**, click **Yes**. For 2008 R2, skip this step.

5. At the **TI USB3 Host Driver - Installshield Wizard**, click **Next**.
6. Select **I accept the terms of the license agreement**, click **Next**, then click **Finish**.
7. Restart the computer.

## **Windows Vista (32-/64-bit)**

1. Install the board and boot up Windows.
2. At the **Found New Hardware**, click **Cancel**.
3. Insert the driver CD, close the **Windows Explorer** screen when displayed.
4. Click **Start**, in the **Start Search** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
5. At the **User Account Control**, click **Allow**.
6. At the **TI USB3 Host Driver - Installshield Wizard**, click **Next**.
7. Select **I accept the terms of the license agreement**, click **Next**, then click **Finish**.
8. Restart the computer.

## **Windows XP (32-/64-bit) / Server 2003 & 2008**

1. Install the board and boot up Windows.
2. At the **Found New Hardware Wizard**, click **Cancel**.
3. Insert the driver CD. Click **Start, Run**. Type **D:\Setup.exe**, click **OK**. (Change **D:** to match your CD\DVD-ROM drive letter)
4. At the **TI USB3 Host Driver - Installshield Wizard**, click **Next**.
5. Select **I accept the terms of the license agreement**, click **Next**, then click **Finish**.
6. Restart the computer.

## To Verify Windows Installation

1. Go to Device Manager to verify installation.  
For Windows 8/ Windows 7 / Windows XP / Server 2008 R2 / Server 2003: Right click **Computer** or **My Computer**, click **Manage**, click **Device Manager**.  
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.  
For Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.
2. Double click **Universal Serial Bus controllers**. A **Texas Instruments USB Root Hub** and a **Texas Instruments XHCI Controller** should be displayed.  
For Windows 8, a **Texas Instruments USB 3.0 eXtensible Host Controller** is displayed.