



# DP eSATA 6Gb/s

## 2-Port PCIe Installation Guide

### Introduction

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The *DP SATA 6Gb/s 2-Port PCIe* adds 2 eSATA 6Gb/s to PCIe-equipped computers.

### Features and Benefits

- Adds 2 internal SATA 6Gb/s channels to your PCIe system
- Compliant with Serial ATA specification, Revision 3.0
- Supports ATA/ATAPI-7 specification
- Installs in standard height or low profile chassis with the included brackets

### Package Contents

- *DP eSATA 6Gb/s 2-Port PCIe* adapter
- Spare low profile bracket
- Driver CD and installation guide

# System Requirements

- Desktop computer with an available PCIe slot
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32/64-bit) / Server 2008 R2 / Server 2012
- Mac OS® X v10.6.x to v10.8.x (Intel-based Apple computers only)

## Layout

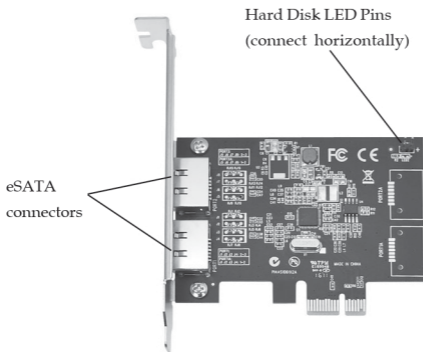


Figure 1: DP eSATA 6Gb/s 2-Port PCIe

## **Hardware Installation**

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For low profile systems, install the spare low profile bracket now.

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 case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

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 cover from an available PCI Express slot.

5. Carefully align the card's bus connector with the selected PCI Express 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.

## **Windows Installation**

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Follow the instructions below to install the *DP eSATA 6Gb/s 2-Port PCIe* adapter drivers.

### **Windows 8 (32-/64-bit) / Server 2012**

The driver is built-in to Windows 8 and Windows Server 2012. No extra driver installation is needed.

#### For New Installation

1. Install the board and follow Microsoft procedures to install Windows accordingly.
2. Reboot Windows. The *DP eSATA 6Gb/s 2-Port PCIe* is ready for use.

#### For Existing Installation

1. Install the board and boot up Windows.
2. The *DP eSATA 6Gb/s 2-Port PCIe* is ready for use.

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

## For New Installation

1. Install the board and follow Microsoft procedures to install Windows accordingly.
2. After the installation completes, insert the driver CD, click **Start** button, in the **Search programs and files** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD-ROM drive letter)
3. At the **User Account Control** window, click **Yes**. Skip this step if not prompted.
4. Click **Next**.
5. Select **I accept the terms of the license agreement**, then click **Next**.
6. Click **Finish**.
7. Click **Yes** to complete the installation.

## For Existing Installation

1. Install the board and boot up Windows.
2. Insert the driver CD, click **Start** button, in the **Search programs and files** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD-ROM drive letter)

3. At the **User Account Control** window, click **Yes**. Skip this step if not prompted.
4. Click **Next**.
5. Select **I accept the terms of the license agreement**, then click **Next**.
6. Click **Finish**.
7. Click **Yes** to complete the installation.

## **Windows Vista (32-/64-bit) / Server 2008 (32-/64-bit)**

### For New Installation

1. Install the board and follow Microsoft procedures to install Windows accordingly.
2. After the installation, insert the driver CD, click **Start** button, in the **Start Search** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD-ROM drive letter)
3. At the **User Account Control** window, click **Allow**. Skip this step if not prompted.
4. Click **Next**.
5. Select **I accept the terms of the license agreement**, then click **Next**.
6. Click **Finish**, then click **Yes**.

## For Existing Installation

1. Install the board and boot up Windows.
2. At the **Found New Hardware** window, click **Cancel**.
3. Insert the driver CD, click the **Start** button, in the **Start Search** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD-ROM drive letter)
4. At the **User Account Control** window, click **Allow**. Skip this step if not prompted.
5. Click **Next**.
6. Select **I accept the terms of the license agreement**, then click **Next**.
7. Click **Finish**.
8. Click **Yes** to complete the installation.

## **Server 2003 (32-/64-bit)**

### For New Installation

A new installation requires a floppy disk for the driver installation. To make this floppy disk, copy the **contents** of the **64bit** folder, found on the driver CD, onto a blank floppy disk then follow the directions in the next page.

1. Install the board and follow Microsoft procedures to install Windows accordingly.
2. At the **Windows Setup** screen, press **F6** to install the RAID driver.
3. When prompted, press **S** to specify the location of the driver.
4. Insert the floppy disk, then press **Enter**.
5. Select **Asmedia 106x SATA Controller 64bit**, then press **Enter**.

**Note:** Do not remove the floppy diskette from the floppy drive. You need to install the driver once again during the installation.

6. Press **Enter** again to finish the driver installation, then follow the on-screen instructions to complete your Windows installation.

### For Existing Installation

1. Install the board and boot up Windows.
2. At the **Found New Hardware** window, click **Cancel**.



3. Insert the driver CD, click **Start**, then **Run**. Type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD-ROM drive letter)
4. Click **Next**.
5. Select **I accept the terms of the license agreement**, then click **Next**.
6. Click **Finish**.
7. Click **Yes** to complete the installation.

## **To Verify Windows Installation**

1. Use Device Manager to verify installation.  
For Windows 8 / 7 / XP / 2003: Right click **Computer** or **My Computer**, click **Manage**, click **Device Manager**.  
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**. Click **Device Manager**.  
For Windows Server 2008 / 2008 R2 / 2012: Right click **Computer**, click **Manage**. Double click **Diagnostics**, click **Device Manager**.
2. Double click **IDE ATA/ATAPI controllers** or **SCSI and RAID controllers**, **Asmedia 106x SATA Controller** should be displayed.

## Mac OS Installation

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The driver is built-in to Mac OS. Simply install the board and boot up the system, the *DP eSATA 6Gb/s 2-Port PCIe* adapter is ready for use.

### To Verify Mac OS Installation

1. Click **About This Mac**, click **More Info**, then click **System Report**.
2. Click **PCI Cards** located under **Hardware**, and **pci1b21.612** should be displayed.