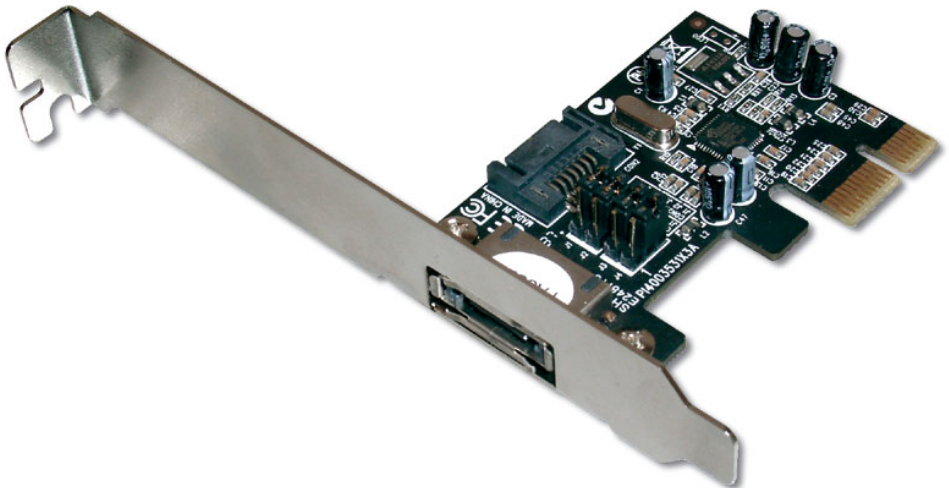# DIGITUS®

SATA II
PCI EXPRESS CARD

User Manual

Features and Benefits

- Compliant with PCI Express Base Specification 1.0a
- Compliant with Serial ATA 1.0a specification with support for full complement of SATA II optional features
- PCI Express 1-lane (x1) SATA II adapter works with PCI Express slots with different lane width
- Installs in any available PCI Express slot and support data transfer rates up to 3.0Gbps (300MBps)
- Supports Native Command Queuing (NCQ), Non-zero offsets NCQ, and Out-of-order date delivery NCQ
- Independent command fetch, scatter / gather, and command execution
- Hot-swapping feature allows you to attach/detach SATA device without first powering your computer off
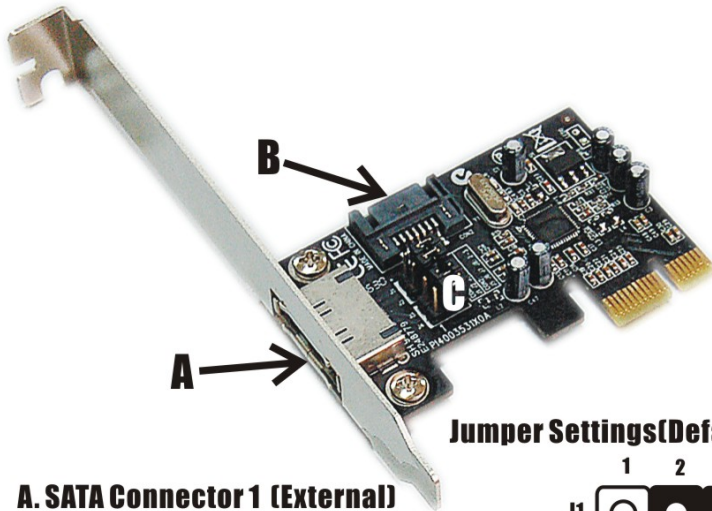- Supports Windows 7, Vista, XP, 2000

Package Contents

- 1x PCIe SATA II 300 Card
- 1x SATA Cable
- 1x SATA Power Cable
- 1x Driver CD
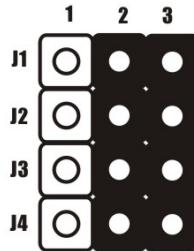- 1x User Manual

System Requirements

- Windows 7, Vista, XP, 2000
- PCI Express-enabled system with an available PCI Express slot

Hardware Description

A. SATA Connector 1 (External)
B. SATA Connector 2 (Internal)
C. Jumpers

Jumper Settings(Default Mode:2-3 close)

Jumper Settings		
JP	**Description**	**Active Port**
J1-J4	**1-2 close**	**Enable SATA Connector 1**
	2-3 close	**Enable SATA Connector 2**

Note: There are two SATA ports in PCIe SATA II 300 Card. We

name these ports A and B. Port A is external SATA port and B is internal SATA port. Only one of them will work but not both at the same time. Please set which port to work by jumper setting. By default, Port B is working.

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 PCIe slot.
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Attach your internal or external devices to the PCIe SATA II 300 Card.
6. Replace the slot bracket's holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

Driver Installation
For Windows® XP/Server 2003

1. At the **Found New Hardware Wizard:**

   XP(w/SP1 or earlier) /Server 2003: continue to step#2

   XP(w/SP2 or later)/Server 2003(w/SP2 or later): Select **No, not this time**, then click **Next**.

2. Please insert the driver CD into your CD-ROM Drive, select **Install the software automatically(Recommended)**, and click **Next**.

3. Accept the default entry, then click **Next**.

4. Click **Finish**.

5. Repeat steps 1-4.

6. Click **Yes** to restart to complete the installation.

For Windows® 2000

1. At the **Found New Hardware Wizard**, click **Next**.

2. Select **Search for a suitable driver for my device(recommended)** then click **Next**.
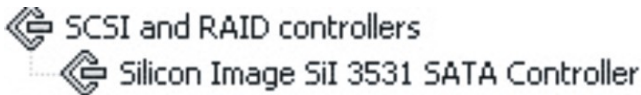
3. Insert the driver CD into your CD-ROM Drive, check **CD-ROM drives**, uncheck the other boxes, click **Next**, then click **Next** again.

4. Click **Next**, then **Finish**.

5. Repeat steps 1-4.

6. Click **Yes** to restart to complete the installation.

To Verify Windows® 2000/XP/Server 20003 Installation

Click on the **"Device Manager"** tab in System Properties, which you access from the Windows Control Panel. You should see an **"Silicon Image SiI 3531 SATA Controller"** installed under **"SCSI and RAID controllers"** item.

START > Control Panel > System > Device Manager

      SCSI and RAID controllers
         Silicon Image SiI 3531 SATA Controller

Hot-Plugging A Hard Disk Drive

To remove a drive from a powered up system, do the following:

1. Right click **My Computer** and click **Manage**.

2. Select **Device Manger**.

3. Click **Disk Drives**, right click the target disk and select **Disable/Enable**.

4. You can now remove the target disk.