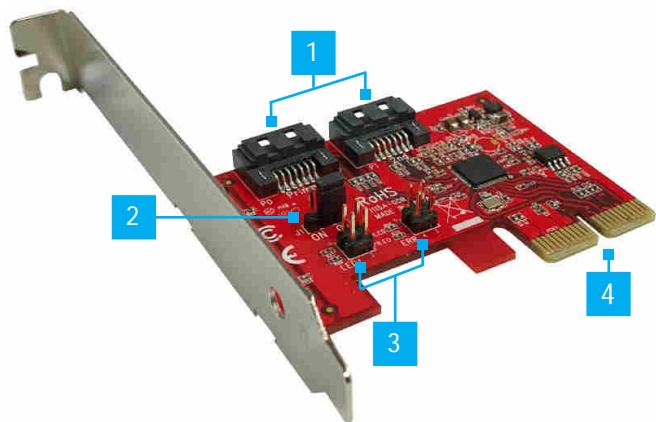


## 2 Port SATA 6Gbps PCIe SATA Controller Card w/ RAID

### Product Diagram (2P6GR-PCIE-SATA-CARD)

Front View



Port	Function
1	SATA Ports x 2 <ul style="list-style-type: none"> <li>Connect <b>SATA Storage Devices</b> to the <b>SATA Controller Card</b> using a <b>SATA Cable</b></li> </ul>
2	RAID Configuration Jumper (J1) <ul style="list-style-type: none"> <li>ON - Allow RAID to be configured</li> <li>OFF - Lock RAID configuration</li> </ul>
3	LED Headers <ul style="list-style-type: none"> <li><b>LED Header</b> Connect <b>LED</b> to monitor activity of a connected <b>SATA Storage Device</b></li> <li><b>ERR Header</b> Connect <b>LED</b> to monitor errors in the <b>RAID array</b></li> </ul>
4	PCIe x2 Connector <ul style="list-style-type: none"> <li>Connect the <b>SATA Controller Card</b> to the <b>PCIe Slot</b> in the <b>Computer</b></li> </ul>

### Product Information

For the latest product information, technical specifications, manuals, and Declarations of Conformance, please visit:  
[www.startech.com/2P6GR-PCIE-SATA-CARD](http://www.startech.com/2P6GR-PCIE-SATA-CARD).

### Package Contents

- SATA Controller Card x 1
- Full-Pro I/e Bracket (Installed) x 1
- Low-Pro I/e Bracket x 1
- Quick-Start Guide x 1

### Requirements

- Computer with an available PCIe slot (x4/8/16)
- Phillips Head Screwdriver
- SATA Cables

### Hardware Installation

**Warning:** *PCIe Cards* can be damaged by static electricity. Make sure that the **Installer** is properly grounded before they open the **Computer Case** or touch the **SATA Controller Card**. The **Installer** should wear an **Anti-Static Strap** when installing any computer component. If an **Anti-Static Strap** is not available, discharge any built-up static electricity by touching a large **Grounded Metal Surface** for several seconds. Only handle the **SATA Controller Card** by its edges and do not touch the gold connectors.

#### Installing the Low-Pro I/e Bracket

By default the **Full-Pro I/e Bracket** is attached to the **SATA Controller Card**. Depending on the system configuration it may be necessary to remove the **Full-Pro I/e Bracket** to replace with the **Low-Pro I/e Bracket** (included).

1. Remove the 2x **Phillips Head Screws** securing the **Full-Pro I/e Bracket**, using a **Phillips Head Screwdriver**.
2. Remove the **Full-Pro I/e Bracket** and replace with the **Low-Pro I/e Bracket** (included).
3. Install the 2x **Phillips Head Screws** removed in step 1 and tighten, using a **Phillips Head Screwdriver**.

#### Installing the Card

1. Turn off the **Computer** and any **Peripheral Devices** that are connected (e.g. printers, external hard drives, etc.).
2. Unplug the **Power Cable** from the rear of the **Computer** and disconnect any **Peripheral Devices** that are connected.
3. Remove the **Cover** from the **Computer Case**.
 

**Note:** Consult the documentation that came with the **Computer** for details about how to do this safely.
4. Locate an open **PCIe Slot (x4/8/16)** and remove the corresponding **Metal Cover Plate** from the rear of the **Computer Case**. In most instances, the **Metal Cover Plate** is attached to the rear of the **Computer Case** with a single **Phillips Head Screw**. Save this **Phillips Head Screw** for the next step.
5. Gently insert the **SATA Controller Card** into the open **PCIe Slot (x4/8/16)** and fasten the **Bracket** to the rear of the **Computer Case**, using the **Phillips Head Screw** from step 4.

6. Connect a maximum of 2 **SATA Storage Devices** to the **SATA Ports** of the **SATA Controller Card** using **SATA Cables**.
7. Replace the **Cover** from the **Computer** that was removed in step 3.
8. Reconnect all of the **Peripheral Devices** that were disconnected in step 2.
9. Reconnect the **Power Cable** to the rear of the **Computer**.

## Raid Configuration

1. Boot the **Computer** with 2 **SATA Storage Devices** connected to the **SATA Controller Card**
2. During the **Computer POST**, press **CTRL-R** on the **Keyboard** when prompted.
3. Follow the **On-Screen Instructions** to setup the desired **RAID Configuration**.

### FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

### Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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### Warranty Information

This product is backed by a lifetime warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

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### Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

### Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

### 安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

### Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

### Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

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