

## USB to SATA Converter for Raspberry Pi and Development Boards

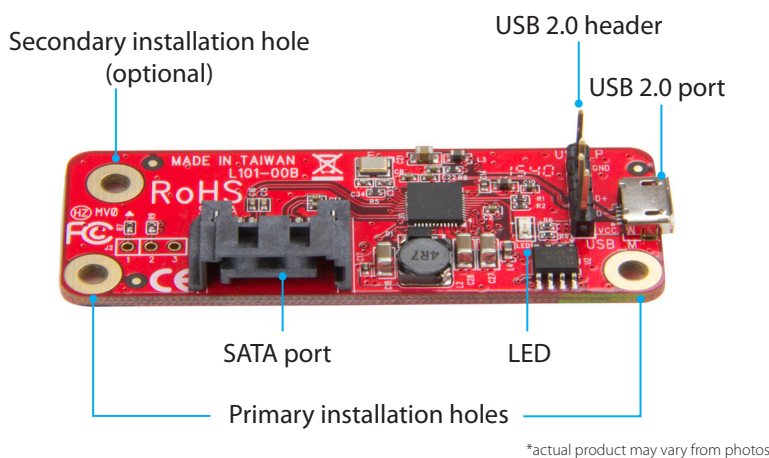
PIB2S31

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 DE: Bedienungsanleitung - de.startech.com  
 ES: Guía del usuario - es.startech.com  
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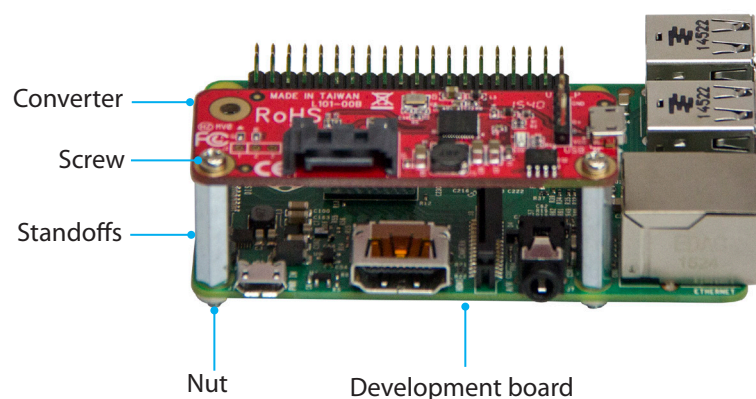
### Introduction

The PIB2S31 enables you to connect any SATA device to a development board to increase data storage capacity and performance. The PIB2S31 supports SATA I, SATA II, and SATA III drives, and any type of SATA device, including DVD, SSD, CD-ROM, and more.

### Product diagram



### Converter installed on circuit board



### Requirements

- SATA device with cabling and external power source
- Development board (for example, Raspberry Pi)

This converter is OS independent and doesn't require any additional drivers or software.

Requirements are subject to change. For the latest requirements, please visit [www.StarTech.com/PIB2S31](http://www.StarTech.com/PIB2S31).

### Package contents

- 1 x USB to SATA converter
- 1 x USB-A to Micro-B cable
- 2 x standoffs
- 2 x nuts
- 2 x screws
- 1 x quick-start guide

### Install the converter

**Warning!** Drives and converters should be handled carefully, especially when they're transported. If you're not careful with your drives, you may lose data as a result. Always handle storage devices with caution. Make sure that you're properly grounded by wearing an anti-static strap when you install any computer component. If an anti-static strap isn't available, touch a large, grounded metal surface for several seconds to discharge any built-up static electricity.

1. Place the provided standoffs into the installation holes on your development board.
2. To affix the standoffs in place, screw the provided nuts onto the standoff threads on the reverse side of your development board.
3. Line up the **Installation holes** on the converter with the standoffs affixed to your development board.
4. Insert the provided screws into the **Installation holes** on the converter and into the standoffs, and tighten them in place.
5. Connect the provided USB-A to Micro-B cable to the **USB 2.0 port** on the converter and to the USB port on your development board.
6. Use a standard 7-pin SATA cable (sold separately) to connect your SATA drive to the **SATA port** on the converter.

**Note:** SATA only provides a data solution, so you will have to use an additional source (for example, a power supply or external power adapter) to power your drive.

### About the LED indicator

The PIB2S31 has a green LED indicator that illuminates to indicate activity.

## 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- 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)

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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

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