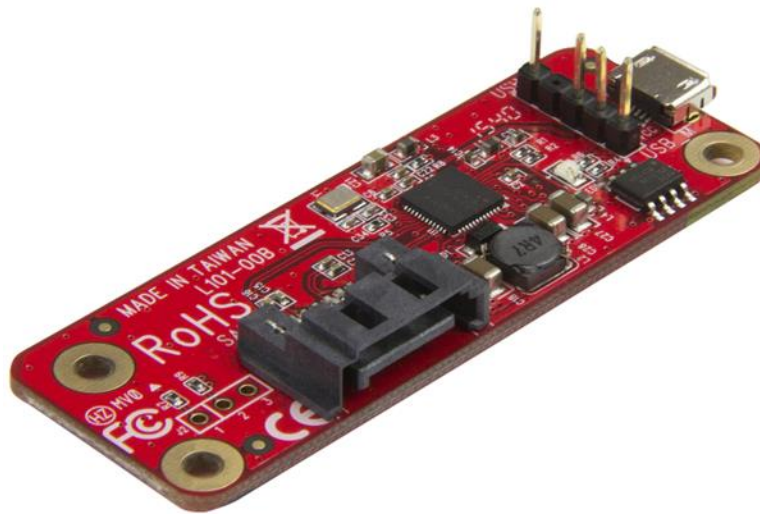


USB to SATA Converter for Raspberry Pi and Development Boards

Product ID: PIB2S31



Increase the data storage capacity of your Raspberry Pi or other development board, by connecting it directly to a SATA-based drive. Perfect for custom projects and applications, this USB to SATA converter supports all models of Raspberry Pi as well as other development boards.

Add data storage and enhanced capabilities to your development board

This convenient USB 2.0 SATA converter lets you overcome data storage limitations by enabling you to connect a SATA drive or SATA optical drive through your board's USB-A port. This enables you to access a wide variety of storage formats including solid-state drives or hard drives, DVD-ROM drives or CD-ROM drives.

A convenient integrated solution

The USB to SATA converter integrates seamlessly with your existing development board. It's the perfect addition for development-board based applications such as surveillance, media players and servers, digital signage and IoT/automation solutions.

Easy to install

Compatible with SATA I, SATA II and SATA III drives, the converter is easy to install, and doesn't require any device driver installation. It comes with a USB cable and all mounting accessories, including standoffs, so integrating it with your Raspberry Pi is fast and easy.

StarTech.com provides industry-leading support to get you up and running quickly. The PIB2S31 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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Certifications, Reports and Compatibility



Applications

- Increase data storage capacity and capabilities for Raspberry Pi development boards to create custom applications
- Develop solutions for business applications, such as: surveillance; media applications, like news boards; simple servers to host a website or video; and IoT/automation solutions, such as lighting and temperature control
- Create custom development-board based applications for home use

Features

- Connect your Raspberry Pi board to any SATA device: SSD, HDD, DVD-ROM, DVD-RW, CD-ROM, or CD-RW
- Supports SATA I, II and III
- USB 2.0 with data transfer speeds up to 480Mbps
- OS independent with no device driver installation required
- Includes USB cable and mounting accessories for Raspberry Pi

Hardware	Warranty	2 Years
	Bus Type	USB 2.0
	Chipset ID	Renesas - μ PD720231A
	Compatible Drive Types	SATA
	Interface	USB 2.0
	Number of Drives	1
Performance	ATAPI Support	Yes
	Maximum Data Transfer Rate	480 Mbps
	MTBF	6,481,043 hrs
	Type and Rate	USB 2.0 - 480 Mbit/s SATA III (6 Gbps)
Connector(s)	Drive Connectors	1 - 7 pin SATA Data Plug
	Host Connectors	1 - USB Micro-B (5 pin)
Software	OS Compatibility	OS independent; No software or drivers required
Power	Power Source	USB-Powered
Environmental	Humidity	15% ~ 90% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Color	Red
	Product Height	0.4 in [11 mm]
	Product Length	2.6 in [66 mm]
	Product Weight	0.3 oz [7.6 g]
	Product Width	0.9 in [23 mm]
Packaging Information	Shipping (Package) Weight	2.5 oz [70.4 g]
What's in the Box	Included in Package	1 - USB to SATA converter 1 - USB-A to Micro-B cable 2 - standoffs 2 - nuts 2 - screws 1 - quick-start guide

Product appearance and specifications are subject to change without notice.