



Manual



04-1323B

JU-CS0311-S1

USB to Serial Adapter-FTDI

User Manual



Thank you for choosing **SIIG** for your connectivity needs in IT and AV products. Our products are engineered for optimal performance and reliability. To ensure the best experience and safety, please read the instructions thoroughly and keep this user guide for future reference. For more details about our product range, visit **www.siig.com**

If you require technical support, email us at **support@siig.com**
For drivers or manuals, please visit **www.siig.com/download**

Important Safety Guidelines

This device has been rigorously tested and certified to meet international safety standards. However, as with all electronic equipment, it should be handled with care. To ensure your safety and to minimize the risk of damage, please follow these safety guidelines:

- Follow all provided instructions and warnings
- Ensure proper ventilation and avoid using near water
- Do not use liquid or aerosol cleaners; avoid exposure to moisture ; Unplug the USB-A port before cleaning
- If there is any strange sound, smoke or odor, pull of the cable immediately

Setup Requirements

- Desktop or notebook PC with an available USB 2.0 port
- Windows® 11 (64-bit) / 10 (32-/64-bit) / 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit)
- Windows® Server 2003 & 2008 (32-/64-bit) / Server 2008 R2 / 2000
- macOS 10.5 to 10.15 / 11.0 / 12.0 / 13.0 / 14.0 / 15.0

Introduction

Add one 9-pin RS-232 serial port to USB-equipped Windows computers

Key Features

- USB to serial adapter is built with a high-performance quality processor chip (FTDI, FT232RNQ)
- Fully compatible with serial apps on Windows (Mac and Linux) and modifying the apps is no needed
- Supports USB data transfer rates up to 12Mbps and serial port data transfer rates up to 921Kbps
- 128 byte receive buffer and 256 bytes transmit buffer utilizing buffer smoothing technology to allow for high data throughput
- ESD protection for RS-232 I/O's $\pm 15\text{KV}$ Human Body Model (HBM)
- Plug-and-play, no external power needed

Package Contents

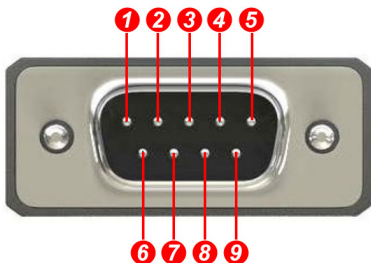
- USB to Serial Adapter - FTDI
- User Manual

Product Layout



No.	Component	Descriptions
1	USB Type-A	Connect the USB to Serial Adapter to an available USB-A port
2	DB9 Serial Port	Connect to a serial peripheral device
3	DB9 Screws	Used to secure the serial DB9 port to the serial peripheral device

Pinout Diagram



Pin	RS-232
1	DCD (Data Carrier Detect)
2	RXD (Received Data)
3	TXD (Trnsmit Data)
4	DTR (Data Terminal Ready)
5	GND (Ground)
6	DSR (Data Set Ready)
7	RTS (Request To Send)
8	CTS (Clear To Send)
9	RI (Ring Indicator)



Driver Installation

Noted: If your system has the built-in driver can use directly, driver install is not necessary. If it deos not, please complete the following steps:

1. Please use the product number **JU-CS0311-S1** to search the driver from the SIIG website
2. Click the **Download** and then select the driver which fits your PC system running

Windows

1. Right-click the downloaded file and extract the contents with **Extract all**
2. Browse the Windows folder and run the **Setup** file
3. Follow the on-screen instructions to complete the installation
4. Connect the **USB to Serial Adapter** to an available USB-A port

macOS

1. Double-click the downloaded file
2. Open the folder that matches your **macOS version** and run the **Installer** file inside the folder
3. Follow the on-screen instructions to complete the installation
4. Connect the **USB to Serial Adapter** to an available USB-A port

Verify Driver Installation

Windows

1. Go to the **Device Manager**
2. Double click **Ports (COM & LPT)**, the **USB Serial Port (COMx)** should be displayed
3. Confirm that the **Driver** is installed and working as expected

macOS

1. Go to **System Information**
2. Expand the **Hardware** section and click USB
3. Confirm that **COM Port** appears in the list



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