

# USB to RS485/RS422 FTDI Serial Adapter Cable with COM Retention (USB-A to DB9 M/M), 30-in. (76.2 cm)

MODEL NUMBER: U209-30N-IND



FTDI USB to serial adapter with DB9 connector lets you connect RS422 and RS485 devices to your computer's USB port.

## Features

**Connects a Printer, Router or Other DTE Serial Device to Your Computer's USB-A Port** This 30-inch USB to RS485 adapter cable turns your computer's USB port into an RS422 or RS485 serial port and avoids the expense of upgrading your reliable serial devices. No external power source is needed. Just connect the cable to your computer and insert the included CD into your computer's CD drive in order to launch the driver and assign the cable a COM port. It supports USB 2.0 specifications and data transfer speeds up to 230 Kbps, which is almost twice as fast as a built-in serial port. It is backward compatible with USB 1.1 devices. **Note:** *The U209-30N-IND will pull power from the host device. If connected to a USB2.0 host, 0.5A of max power will be provided. If connecting to USB3.0 host, 0.9A of power will be provided. If your device is not working properly, be sure you are connecting to the proper USB port.*

**COM Retention Feature for Convenient Reassigning of COM Values to Ports** The hot-swappable USB to RS422 adapter with built-in FTDI chipset offers COM retention. It automatically reassigns the same COM port values to each port, so when the cable is disconnected or the system is rebooted, no additional configuration is needed. The FTDI USB to serial adapter also supports RS485 auto-transceiver turn around with unique featured ATTA hardware, as well as remote wake-up and power management. A DB9-to-terminal-block adapter is included for making hardwire connections.

**Double Shielding Protects Your Data from Destructive Line Noise** Foil and braid shielding helps fight against electromagnetic interference and radio frequency interference (EMI/RFI) that impedes your signal and can distort or destroy data. The auto-sensing feature solves DCE/DTE conflicts without the need for cross-wired serial cables or adapters.

**3-Year Warranty** The U209-30N-IND is backed by a 3-year warranty, ensuring reliability and performance.

## Specifications

OVERVIEW	
UPC Code	037332210234

## Highlights

- Supports data transfer speeds up to 230 Kbps—double the speed of a built-in serial port
- Automatically reassigns COM values to each port to avoid additional configuration
- USB-powered, so no bulky or obtrusive external power supply is required
- Double shielding protects against EMI/RFI line noise that can distort or destroy data
- Compatible with Windows, Mac and Linux—works with most computers

## Applications

- Connect and control serial-based printers, scanners, surveillance cameras and magnetic card readers
- Create messages for digital sign boards with serial ports to avoid the expense of upgrading your sign board

## System Requirements

- Windows, Mac or Linux
- Computer with an available USB port

## Package Includes

- U209-30N-IND USB to RS485/RS422 FTDI Serial Adapter Cable, 30 in.
- DB9 to terminal block adapter
- Driver CD
- Owner's manual

Technology	USB 2.0 (High Speed)
<b>INPUT</b>	
Bus Powered	Yes
<b>PHYSICAL</b>	
Color	Black
Material of Construction	PCB, PVC
Cable Jacket Color	Black
Cable Jacket Rating	VW-1
Cable Length (ft.)	2
Cable Length (m)	0.61
Cable Length (in.)	30
Cable Length (cm)	76
Shipping Dimensions (hwd / in.)	1.22 x 4.65 x 4.13
Shipping Dimensions (hwd / cm)	3.10 x 11.81 x 10.49
Shipping Weight (lbs.)	0.18
Shipping Weight (kg)	0.08
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	0
Unit Packaging Type	Box
Unit Weight (lbs.)	0.13
Unit Weight (kg)	0.06
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 140°F (0° to 60°C)
Storage Temperature Range	-4° to 176°F (-20° to 80°C)
Relative Humidity	0% to 80% RH, Non-Condensing
<b>CONNECTIONS</b>	
Side A - Connector 1	USB A (MALE)
Side B - Connector 1	DB9 (MALE)
Connector Plating	Nickel
Contact Plating	Gold
<b>FEATURES &amp; SPECIFICATIONS</b>	
USB Specification	USB 2.0 (up to 480 Mbps)
Remote Wakeup Support	Yes



Powering Business Worldwide



Driver Required	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	NOM (Mexico)
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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