# gearmo®

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**Technical Data Sheet** Rev 06-250918

# Pro 5ft. USB to RS-485/422 Serial Adapter FTDI Chip - Windows 11 Supported

Model Number: **US-485422**

## Features

- Static consumption less than 80mA, dynamic average consumption less than 150mA
- Asynchronous, point to point, point to multi-point, half duplex
- No IRQs, DMA or required. No IRQ Conflicts
- Standard USB 1.1/2.0, EIA RS-485, RS-422 standard works with Windows 11
- Serial connector type RS-485 / RS422 side DB-9 male or optional terminal block

## Package Contents

- Driver/Software Disk
- USB Serial Adapter

## Specifications

### OVERVIEW

| Model No | US-485422 | Alias | GM-485422 |
|---|---|---|---|
| Product Type | USB Serial Adapter | Compliance | RoHS |
| UPC | 729440692384 | Country of Origin | China |
| LED indicators | Power \| RX / TX | Electrical Protections | 15kV |

### PHYSICAL

| Ship Weight (lbs) | 0.21 lbs | Ship Weight (kg) | 0.1 kg |
|---|---|---|---|
| Length | 2.76 inches | Width | 1.38 inches |
| Height | 0.75 inches | Material | Plastic |
| Color | Blue | Mountable | N/A |
| Cable Length (ft) | 5 | Cable Length (in) | 60 |
| Cable Length (m) | 1.52 | | |

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## Specifications Cont.

| CONNECTIONS | |
|---|---|
| **USB Specification** | USB 2.0 |
| **Connector(s)** | 6-Pin Terminal Block | DB9 Male w/ Nuts | USB 2.0 Type A Male Fixed Cable |
| **SERIAL SPECS** | |
| **Maximum Data Rate** | 921.6 Kbps |
| **Minimum Data Rate** | 300 baud/bps |
| **Serial Modes** | RS422 | RS485 |
| **RS422 Signals** | T+, T-, R+, R-, GND |
| **RS485 2-wire Signals** | DATA+, DATA-, GND |
| **ENVIRONMENTAL** | |
| **Operating Temperature** | -25C ~ 70C |
| **Storage Temperature** | -25C ~ 70C |
| **Operating Humidity** | 5% to 95% RH |
| **OS SUPPORT** | |
| **Supported Operating Systems** | Linux | OSX 10 | Windows 11 | Windows 10 | Windows 8 |
| **WARRANTY** | |
| **Warranty Period** | 1 Year |
| **PRODUCT URL** | |
| **Product Page** | https://www.gearmo.com/shop/usb-to-rs485-rs422-converter-with-ftdi-chip/ |