FTDI Serial TTL-232 USB Type C Cable - 5V Power / 3.3V Logic

PRODUCT ID: 4364

Just about all electronics use a UART serial port with RX and TX pins for debugging, bootloading, programming, serial output, etc. But it's rare for a computer to have a serial port anymore. Thus, a serial cable is an essential part of any electrical engineer's toolkit.

This is a USB C to TTL serial cable with an FTDI FT232R usb/serial chip embedded in the head. It has a 6-pin socket at the end with 5V power and ground, and 3.3V logic (5V compatible) RX, TX, RTS and CTS. Useful whenever you want to communicate with a TTL serial device such as an Arduino Pro Mini or ESP breakout, and the pinout will match up exactly to any 'FTDI' 6-pin header.

The version we have is the 5V Power / 3V Logic. The data signals are at 3V output and the power line provides 5V. The logic pins are 5V-friendly so we suggest this for any product that needs FTDI cables and has 5V power usage or is 3V-logic friendly.

If you have a device that is running at 5V logic and power, this cable will work fine. If you want to tweak the voltages and signals a little, you should also check out the FTDI friend.

We also carry a 3V Power / 3V Logic FTDI Cable.

TECHNICAL DETAILS

- Cable length: 1 meter
- 28AWG
- Pin Wiring:
    - Black - GND
    - Brown - CTS
    - Red - VCC 5V @ 500mA
    - Orange - TXD 3V logic level
    - Yellow - RXD 3V logic level
    - Green - RTS

Revision History:

- As of Feb 10, 2020, we've updated this from a 5V Power / 5V Logic to a 5V Power / 3V Logic

- Datasheet

https://www.adafruit.com/product/4364/9-2-21