

Web232: WebUSB-to-RS232 Board



The Web232 board works as a standard USB-to-RS232 adapter, but with WebUSB support.

The WebUSB JavaScript API allows web-based applications to access USB devices. WebUSB is supported by Chromium-based web browsers (Chrome, Chromium, Edge, Opera). If you are using Google Chrome or another Chromium-based browser, your web pages will be able to access RS232 devices connected to the Web232 board. This even works on Android smartphones!

Tibbo is making extensive use of the WebUSB functionality. The first example of the Web232 board's usefulness is our PuTTY-like terminal app called [WebTerminal](#).

To aid in the development of web-based apps (HTML pages) supporting the Web232 board, we offer an easy-to-use [WebSerial library](#).

Key Features

- Functions as a WebUSB-to-RS232 adapter*
- Baudrates up to 3 Mbps
- DB9M connector with TX, RX, RTS, CTS, DTR, and DSR lines
- Blue power LED
- Six bi-color LEDs to indicate the status of RS232 lines:
 - Red color indicates a positive voltage
 - Green color indicates a negative voltage
- Full-speed (12Mbps) USB2.0 interface on a USB Type-C connector
- USB-powered, no additional external power necessary
- Supplied with a USB Type-A-to-C cable
- Compact, outside dimensions only 57 x 47 x 27 mm
- Operating system compatibility:
 - Windows 7 and later ([driver available via Windows Update](#))
 - Natively supported on Android 10 and later
 - Natively supported on macOS Catalina and later
 - Linux

* WebUSB is supported by Google Chrome and Chromium-based browsers.



Authorized Distributor

wdsystems.com

sales@wdsystems.com

800-548-2319

919-545-2500

220 Chatham Business Drive
Pittsboro, NC 27312