



# USB to Serial RS-232 DB9 Adapter FTDI Chipset w/ 15kV ESD Protection, Windows 11 Support



Model No. USBG-232



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RS-232 | 512 Bytes Receive | 512 Bytes Transmit | FTDI

- **Expand Your Serial Capabilities:** Connect your legacy 9-pin serial device through a USB-A port to add legacy functionality to newer technologies with no serial port connections.
- **Safe Connections:** Designed with a unique system load reduction feature, the Mini USB to Serial Adapter also offers 15kV ESD protection for connected devices.
- **Plug-&-Play:** The adapter's power is drawn from a USB connection for ease of access and is compatible with Windows (up to Win 11), Mac OS, and Linux.
- **COM Retention:** COM Ports are fully configurable, and after reboots, port assignments are preserved.
- **Upstream:** 1 USB port, Type A Male Connector
- **Downstream:** 1 Male DB9, w/ nuts
- **LEDs:** Power, TX / RX

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## Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ **1-727-209-1300** (Local) ✉ **expert@coolgear.com**



**We Speak Your Speak** - When you reach out to our support, you'll find yourself in the hands of a solution-oriented, knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

**We're Ready For Integration, Every Time.** - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

**Within every great machine, lives Coolgear.** - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

**Advanced Engineering** - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

# PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)



|                                 |                                    |  |
|---------------------------------|------------------------------------|--|
| <b>Power</b>                    | <b>Adapter Power</b>               | USB Bus Powered                                      |
|                                 | <b>External Power Required</b>     | No   |
| <b>Compliance</b>               | <b>Country of Origin</b>           | Taiwan   |
|                                 | <b>Certifications</b>              | <a href="#">RoHS</a> , <a href="#">TAA</a>           |
|                                 | <b>Color</b>                       | Blue   |
| <b>Physical Characteristics</b> | <b>Item Dimensions (L × W × H)</b> | 2.50 × 1.57 × 0.91 in.                               |
|                                 | <b>Item Weight</b>                 | .075 lbs.  |
|                                 | <b>Length</b>                      | 1ft  |
|                                 | <b>Ports</b>                       | 1 Serial Port  |
|                                 | <b>Material of Construction</b>    | Plastic  |
| <b>Serial Attributes</b>        | <b>RS Signals</b>                  | DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI           |
|                                 | <b>Serial Standards</b>            | RS232  |
|                                 | <b>Baud Rate</b>                   | 921.6K bps   |
|                                 | <b>FIFO Receive</b>                | 512 bytes  |
|                                 | <b>FIFO Transmit</b>               | 512 bytes  |
|                                 | <b>Data Bits</b>                   | 7, 8   |
|                                 | <b>Parity</b>                      | None, Even, Odd, Mark, Space                         |
|                                 | <b>Stop Bits</b>                   | 1, 2   |
|                                 | <b>Flow Control</b>                | Hardware (RTS, CTS), XON/XOFF                        |
|                                 | <b>Serial Ports</b>                | 1  |
| <b>Software</b>                 | <b>OS Support</b>                  | Win XP, Win 7, Win 8, Win 10, Win 11, Linux, Mac OSX |
| <b>Environmental</b>            | <b>Operating Temperature</b>       | 0°C to 55°C (32°F to 131°F)                          |
|                                 | <b>Storage Temperature</b>         | -20 to 75°C (-4 to 167°F)                            |
|                                 | <b>Humidity</b>                    | 5% ~ 95% (non-condensing)                            |
| <b>Product Information</b>      | <b>Warranty</b>                    | 1 year from date of purchase                         |
|                                 | <b>Chipset</b>                     | FTDI   |
| <b>Hardware</b>                 | <b>LED Indicators</b>              | Power, TX / RX                                       |
|                                 | <b>Upstream USB Ports</b>          | 1 Type-A Male USB                                    |
| <b>Performance &amp; Safety</b> | <b>ESD Protection</b>              | 15KV Surge Protection                                |
|                                 | <b>Connector</b>                   | DB9 Male w/ Nuts                                     |
|                                 | <b>Warranty</b>                    | 1 year from date of purchase                         |
|                                 | <b>UPC</b>                         | 729440691004   |
| <b>Other Data</b>               | <b>Chip Model</b>                  | FT231XQ-R  |
|                                 | <b>USB Interface</b>               | USB 2.0  |
|                                 | <b>Weight</b>                      | .35 lbs  |
|                                 | <b>Dimensions</b>                  | 5.5 × 5.5 × 1 in                                     |

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