



# 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 >](#)



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

**Ready to Buy? Let's get to work!**

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\*orders placed prior to 3:30pm EST

