



# 6ft. USB 2.0 to RS-232 DB-9 Serial Adapter w/ 15kV ESD Protection & FTDI Chipset



Model No. USBG-232MM



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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](mailto: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                        |
|                     | Max Data Transfer Rate   | 12Mbps                                       |
| Hardware            | Chipset                  | FTDI                                         |
|                     | LED Indicators           | Power, TX / RX                               |
| Product Information | Warranty                 | 1 year from date of purchase                 |
| Power               | External Power Required  | No                                           |
| Software            | OS Support               | Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8 |
|                     | RS Signals               | DCD, RxD, TxD, 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 Attributes   | USB Type                 | USB 2.0                                      |
|                     | Screw Lock Compatible    | Yes                                          |
|                     | Color                    | Blue                                         |
| Mechanical          | Length                   | 6ft                                          |
|                     | Ports                    | 1 Serial Port                                |
|                     | Material of Construction | Plastic                                      |
| Compliance          | Country of Origin        | Taiwan                                       |
|                     | Certifications           | <a href="#">TAA</a> , <a href="#">RoHS</a>   |
|                     | Connector                | DB9 Male w/ Nuts                             |
| Other Data          | Chip Model               | FT231XQ-R                                    |
|                     | UPC                      | 736983909022                                 |
|                     | Weight                   | .28 lbs                                      |
|                     | Dimensions               | 5 × 5.5 × 1 in                               |

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

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\*orders placed prior to 3:30pm EST

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