

2 Port Pro USB 2.0 to Serial Converter, TX/RX LED COM Retention

Technical Data Sheet

Model Number: [GM-FTDI2X](http://www.gearmo.com/shop/usb-2-0-to-serial-professional-2port-converter/)

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The GM-FTDI2X USB 2.0 to RS232 commercial converter is a universal USB 2-port RS-232 converter that doesn’t need an external power supply. It is compatible with USB and RS-232 standards can convert single-end USB signal to RS-232 signal. It has built-in automatic transmit-receive switch without time delay. The unique I/O circuit can be used to automatically control the direction of data flow making it plug-and-play, it is also applicable to all existing communication software and interface hardware. The GM-FTDI2X supports point-to-point communication with data rate of 300-921600bps. The power indicator and data traffic indicator lights can be used for fault indication.

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| Features |  |  | Product Information |  |
| * Conforms to USB 2.0, USB 1.1, 1.0, EIA RS-232 standards. * Supports asynchronous point-to-point. * 2 DB-9 Male connectors with screw lock mechanisms * Supports automatic data flow control technique. * Baud rates up to 300-921600bps. * ±15KV ESD surge protection. * 3 LED signal lights for PWR, TXD and RXD * Bus powered * Supports Win XP/Vista/7/8/10/Mac/Linux. * 5ft. cable length | |  | * **Model Number:** [GM-FTDI2X](http://www.gearmo.com/shop/usb-2-0-to-serial-professional-2port-converter/) * **Package Contents:**    + 5ft. USB to RS-232 Adapter   + Driver Disk * **Optional Accessories:** N/A | |

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| Specifications |
| **OVERVIEW** | |
| Interface | USB to 2 Serial DB-9 male connectors. |
| Port Connections | (2) Serial DB-9 male | USB-A male to Host. |
| Available Power Modes | Bus Powered. |
| Electrical Protection | ±15KV electrostatic protection. |
| Transmission Media | Twisted-pair cable or shielded cable |
| **PHYSICAL FEATURES** | |
| LEDs | (1 per connector) PWR, TXD, RXD |
| Construction | Plastic |
| Color | Black |
| Dimensions | 1500 mm cable length |
| Weight | 0.318 lbs. |
| **SIGNALS** | |
| USB Signals | VCC, DATA+, DATA-, GND, FG |
| RS-232 Signals | DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI |
| **COMMUNICATION MODES** | |
|  | Point-to-point communication |
| **WORKING MODES** | |
|  | Asynchronous point to point |
| **TRANSMISSION** | |
| Baud Rates | 300 - 9,600 Kbps automatic detection of the transmission rates. |
| Transmission Distance | 5 meters for RS-232 interface and no more than 5 meters for the USB port. |
| **ENVIRONMENT** | |
| Operating Temperature | -40°C to 85°C |
| Relative Humidity | 5% to 95% |
| **PRODUCT URL** | |
| GM-FTDI2X Product Page | http://www.gearmo.com/shop/usb-2-0-to-serial-professional-2port-converter/ |