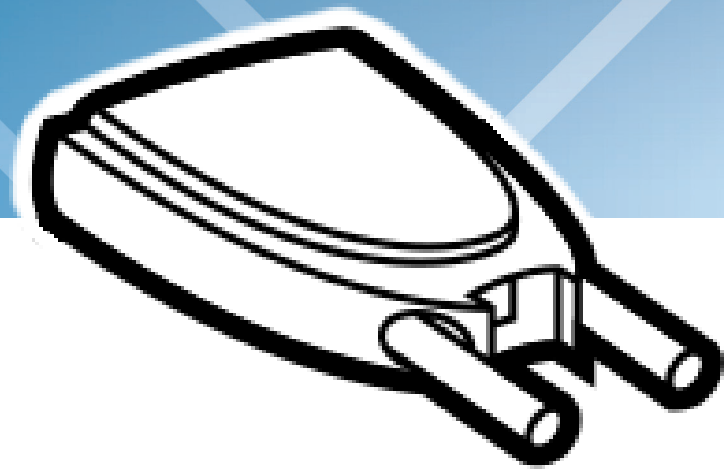


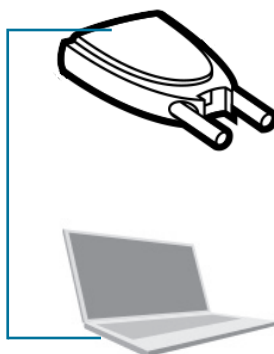
USB to RS-232 Converter

**Add one RS-232 serial port to
your PC, laptop, thin client, or
server.**

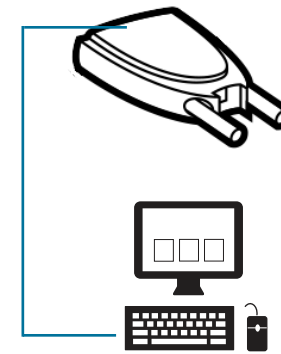


FEATURES

- » Add a serial port to your PC, server, or laptop without opening the computer's chassis!
- » High-speed alternative to serial cards.
- » Lower cost per port than serial boards.
- » Configurable COM port assignment.



Application Example #1: Connection to Laptop



Application Example #2: Connection to Desktop PC

OVERVIEW

The USB to RS-232 Converter gives you reliability, superb performance, and operating-system support. Simply plug the single-port USB to RS-232 Converter into the USB port of a desktop PC, laptop, or thin client and gain one high-speed RS-232 DB9 serial port. Attaching a printer, bar-code scanners or other peripheral device has never been easier! The USB to RS-232 Converter is perfect for point-of-sale and mobile computing applications where space is limited and flexible I/O expansion is required.

The USB to RS-232 Converter features a Type B USB connector that's used to attach a cable to the USB port of a PC, USB hub, or USB switch. In addition, the unit is equipped with one DB9 male RS-232 port. Port pinning is like that of a PC's serial ports.

Installing the hardware is straightforward. To make connections, simply plug one end of the included USB cable into your PC's USB port (or into a USB hub or switch, if necessary), and plug the cable's other end into the USB to RS-232 Converter. Then plug your RS-232 device, or its attached cable, into the USB to RS-232 Converter's serial connector.

Driver installation is just as easy. In most cases, the driver will install automatically. If it does not, refer to the user manual for instructions. In fact, once you install the drivers, Windows® will detect your USB to RS-232 Converter's new COM port and will begin to initialize it.

After you install the hardware and software, the USB to RS-232 Converter operates without requiring further intervention on your part.

The USB to RS-232 Converter also comes with a configuration utility program that enables you to manage various resources on the unit, such as mapping of each physical communications port to your Windows COM port numbers. You can reassign the physical ports on the USB to RS-232 Converter to any available Windows COM port number 1 to 255 or give your USB to RS-232 Converter a user-friendly device name—a feature that's particularly helpful if you intend to install more than one USB to RS-232 Converter.

To install the USB to RS-232 Converter, you don't need to open the chassis, power down your computer, or reconfigure the system. It supports baud rates of up to 230 kbps per port.

The USB to RS-232 Converter offers full hardware and software flow-control support. And it costs less per port than serial boards. Each port features a UART with 64-byte FIFOs.

No additional IRQ or memory is required. And jack screws keep your serial devices securely in place.

TECH SPECS

Data Rate — Up to 230 kbps; Serial port(s) can be set to any data format, flow control, or duplex setting the PC application supports
User Controls — Software drivers
Interface — Universal Serial Bus v1.1 (can be attached to a USB 2.0 and USB 3.0 host but will operate at USB 1.1 data rates), EIA/TIA RS-232
Connectors —
IC1000A: (1) USB Type B female;
Rear-mounted DB9 male for RS-232: (1)
Indicators — IC1000A: None;
Temperature Tolerance — 32 to 131°F (0 to 55°C)
Humidity Tolerance — Up to 95% noncondensing
Power — USB-bus-powered, consumes less than 200 mA at full operating speed
Size —
IC1000A: 0.8"H x 1.75"W x 3"D (2 x 4.4 x 7.6 cm);
DB9 thumbscrews protrude an additional 0.15" (0.4 cm) from the rear
Weight —
IC1000A: 1.6 oz. (45.4 g)

Technically Speaking

Universal Serial Bus (USB)

Universal Serial Bus is a royalty-free bus specification developed by the leading manufacturers in the PC and telephony industries to support plug-and-play peripheral connections.

USB offers increased bandwidth and lower costs than conventional I/O ports.

The USB bus is a daisychain consisting of USB hubs and peripherals less than 16.4 ft. (5 m) apart. The USB daisychain can support up to 127 devices. Instead of opening up the CPU to insert new boards, make all connections outside the case to the USB ports.

Because USB connections are hot-swappable, you can attach or remove peripherals without shutting down your computer.

What's included

- (1) USB Director RS-232: Single-Port
- (1) 3.2-ft. (1-m) USB cable

Item	Code	
USB Director RS-232 Single-Port		IC1000A