B&B Electronics Isolated and Non-Isolated Inline USB to RS232 / RS422 / RS485 Converters

Universal Serial Bus (USB) has become the connectivity workhorse of today’s PCs, replacing the familiar serial ports. But many commercial and industrial devices still use USB232 interfaces. To connect these devices to modern PCs you need robust and reliable conversion solutions. At the same time, USB ports are becoming more common on commercial and industrial equipment such as point-of-sale peripherals, medical devices, scientific instrumentation, laboratory equipment and other devices. Sometimes these are used in environments where surges, spikes and ground loops are likely to occur. Get the extended range and multi-drop capability of RS232 or RS422/485 from the USB port of your PC. Isolated models protect PCs and laptops from dangerous surges and spikes on the network. Windows automatically configures the serial output as an additional COM port, compatible with your Windows application. As an authorized B&B Electronics reseller, we can bid on RFQs for any B&B Electronics part numbers. Contact us to request a non-obligatory quote.

B&B Electronics USB Isolators

At just 2.0 x 1.7 x 0.8 inches (5.1 x 4.3 x 2.0 cm), these small isolators pack a powerful punch against electrical noise, surges and spikes up to 4kV isolation. Protect expensive PCs and equipment from damaging electrical storms, power surges and other high EMI / RFI disturbances. This isolation barrier eliminates ground loops which are disruptive in measurement applications. The UH401 provides 4kV isolation and is UL 60601-1 recognized, making it appropriate for use with medical equipment. The UH401-2KV provides 2kV isolation. Both models are USB bus powered and provide up to 100mA of current to attached downstream devices when they are attached to a full power (500mA) USB host port. As an authorized B&B Electronics reseller, we can bid on RFQs for any B&B Electronics part numbers. Contact us to request a non-obligatory quote.

USB to RS232 Converter Cable

This easy to install USB to serial converter allows you to connect a USB port on a PC or laptop to legacy RS232 devices such as PDAs, GPS systems etc. This USB to serial converter features DB9 male connectors for the RS232 connection and a USB type A Male connector for the PC or Laptop connection. Each USB to serial converter ships with a driver / installation CD.

USB to RS232 Converters 2 and 4 Port

These easy to install converters allow you to connect a USB port on a PC or laptop to legacy RS232 devices such as PDAs, GPS systems etc. These converters feature DB9 male connectors for the RS232 connection and a USB type A Male connector for the PC or laptop connection. Each converter ships with a driver / installation CD.

USB to IEEE 1284 Printer Port Converter Cable

UC1284B is a USB to parallel port converter. It converts the USB on PCs, notebook PCs and handheld computing devices into a parallel port for printer connection.

Tripp Lite USB to PS/2 Adapter

Tripp Lite’s TL-U219-000R USB to PS/2 adapter is a fast, easy way to connect a PS/2 keyboard and mouse to the USB ports on a computer. This USB converter includes foil shielding for reliable error-free data communication. As an authorized Tripp Lite reseller, we can bid on RFQs for any Tripp Lite part numbers. Contact us to request a non-obligatory quote.

USB to GPIB Converter Cable

The USB-488 is a USB to GPIB controller module that converts any PC with a USB interface into a full-function, IEEE 488.2 Bus Controller. The unit performs all of the basic IEEE-488.1 functions such as talker, listener and system controller. Its IEEE-488.2 controller routines make it fully compliant with the IEEE 488.2 specification. The USB-488 module is a Plug and Play USB peripheral that supports Microsoft Windows 98SE / ME / 2000 / XP operating systems. The driver includes National Instruments’ style 488.1 ‘ib’ and 488.2 command Sets. Additionaly the driver provides support for Visual Basic and C/C++ language programs and is compatible with National Instruments’ VISA and LabView.

UC1284B
USB to IEEE 1284 Printer Port Converter Cable, 6.0 ft (1.8m) 28.98

Tripp Lite USB to PS/2 Adapter
TL-U219-000R Tripp Lite USB to PS/2 Adapter 19.98

USB to GPIB Converter Cable
USB-488 USB to GPIB Converter Cable 514.98