USB Connectors, Isolators, Adapters and Hubs

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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 RS-232 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 RS-232 or RS-422/485 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.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>List Price</th>
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</thead>
<tbody>
<tr>
<td>USOPTL4</td>
<td>USB to RS422/485 Term Block, 2kV Isolation</td>
<td>127.00</td>
</tr>
<tr>
<td>USO9ML2</td>
<td>USB to RS232 to DB9 Male, 2kV Isolation</td>
<td>127.00</td>
</tr>
<tr>
<td>USPTL4</td>
<td>USB to RS422/485 Term Block</td>
<td>97.00</td>
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B&B Electronics USB Isolators

At just 2.0 x 1.7 x 0.8 inches, these little 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 (500 mA) USB host port.

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<tr>
<td>UH401</td>
<td>USB to USB 1 Port Isolator, 4K</td>
<td>117.00</td>
</tr>
<tr>
<td>UH401-2KV</td>
<td>USB to USB 1 Port Isolator, 2K</td>
<td>97.00</td>
</tr>
</tbody>
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**Typical USB Isolation Application**

USB 3.0 4 Port Hub

Perfect for sharing USB 3.0 resources such as USB scanners, card reader, and USB attached external storage, the USB-HUB-3.0 provides lightning fast USB connections at an affordable price. This plug and play USB 3.0 hub installs in seconds and is compatible with Windows SE/ME/2000/XP/VISTA/7. Ships with 5V DC power supply and 3.5 foot USB 3.0 cable.

**USB 3.0 PCM 3.0 ExpressCard**

The USB-EXPRESS-3.0 provides two high speed USB 3.0 ports supporting data transfer rates up to 5 Gbps! The high speed USB 3.0 ExpressCard is backward compatible with USB 2.0, 1.1, 1.0, and supports Control/Bulk/Interrupt/Isochronous data transfer.

**USB 3.0 PCI ExpressCard**

This USB 3.0 PCI card is perfect for adding high speed 5 Gbps USB 3.0 ports to a PC. This dual port USB 3.0 adapter is perfect for connecting newer USB 3.0 equipment such as card readers, USB attached external storage and digital scanners to a PC. The USB-PCI-3.0 is backward compatible with USB 2.0, 1.1, and 1.0.

**Zonet 2 Port USB 2.0 32-Bit CardBus Type-II PC Card**

The ZN-ZUN2200 quickly adds two high-speed USB 2.0 ports to your laptop. This PC card fits any CardBus Type-II slot and supports Windows 98SE/ME/2000/XP operating systems. Plug and play installation insures easy installation. Includes a 1-year manufacturer’s warranty.

**Zonet 4 Port USB 2.0/2 Port Firewire PCI Combo Card**

The ZN-ZUC2401 is a flexible and versatile PCI card featuring three USB 2.0 and 2 IEEE1394 Firewire ports to your PC. This easy to install, plug and play PCI card supports USB data rates of 1.5/12/480 Mbps as well as Firewire data speeds of 100/200/400 Mbps. Windows 98SE/ME/2000/XP/Vista operating systems are supported. Includes a 1-year manufacturer’s warranty.

**Zonet 4 Port USB 2.0 PCI Card**

The ZN-ZUH2215V features four High-speed USB 2.0 ports along with easy plug and play installation. By utilizing the ZN-ZUH2215V, you can add four USB 2.0 ports to your existing PC. This versatile PCI card supports data transfer speeds of 1.5/12/480 Mbps. Works with Windows 98SE/ME/2000/XP. Includes a 1-year manufacturer’s warranty.

Same day shipping
Orders placed before 4:00 EST ship the same day.

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