2 Port PCI Express RS232 Serial Adapter Card with 16950 UART

StarTech ID: PEX2S950

The PEX2S950 2 Port PCI Express RS232 Serial Adapter Card with 16950 UART can be installed into an available PCI Express slot, to provide two high performance 16C950 RS232 serial UART channels/ports - a convenient solution for connecting modern or legacy serial devices with support for data transfer rates of up to 460 Kbps.

The 2 port RS232 serial card is easy to install and configure, with support for a broad range of Windows® operating systems. Plus, the card features IRQ sharing and supports plug and play serial device connections, guaranteeing convenient, hassle-free installation.

Backed by a StarTech.com lifetime warranty and free lifetime technical support.

Applications

- **Manufacturing** (CNC machinery, process control equipment, bar code scanners, serial printers)
- **POS** (credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- **Consumer** (modems, PDAs, digital cameras, printers)
- **Security** (UPS control, access key panels, video cameras, card readers, modems)
- **Casino** (video lottery terminals, slot machines)
- **Environmental Control** (lighting, temperature, clocks)
- **Healthcare** (patient monitoring equipment, nurses' stations, modems)
- **Hotel Front Desk** (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- **Hospitality/Restaurant** (credit card/debit card reader, serial printers)
- **ISDN Networking**

Features

- Dual Channel 16C950 UART - fully compatible with 16C550 type devices
- Maximum data transfer rate of 460 Kbps
- Standard profile bracket installed, optional low-profile brackets included
- PCI Express 1x card, compatible with 1x, 2x, 4x, 8x, and 16x bus
- 128-byte deep FIFO per transmitter and receiver
- Automated in-band software flow control using programmable Xon/Xoff in both directions
- Automated out-of-band hardware flow control using RTS / CTS and/or DSR / DTR
- PCI 2.2 and PCI Power Management 1.0 compliant

Technical Specifications

Warranty	Lifetime
Card Type	Standard Profile (LP bracket incl.)
Interface	Serial
Ports	2
Bus Type	PCI Express
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXuPCI952
Connector Type(s)	1 - PCI Express x1 Male
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Max Baud Rate	460.8 Kbps
Serial Protocol	RS-232
Data Bits	5, 6, 7, 8, 9
FIFO	128 Bytes
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), ME, 98, 95
Microsoft WHQL Certified	Yes
Product Length	4.1 in [105 mm]
Product Width	0.8 in [20 mm]
Product Height	4.7 in [120 mm]
Product Weight	2.2 oz [63 g]
Humidity	5~85% RH
Operating Temperature	-10°C to 80°C (14°F to 176°F)
Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Shipping (Package) Weight	0.3 lb [0.1 kg]
Included in Package	1 - PCI Express Serial Card
Included in Package	2 - Low Profile Brackets
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

C E

FC

RoHS Compliant
Available

works with
Windows 7

works with
Windows
Vista

works with
Windows 8