

2 Port PCI Express RS232 Serial Adapter Card with 16950 UART

StarTech ID: PEX2S950



This PCI Express Serial Adapter card can be installed into any PCI Express slot on a computer, 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 serial adapter card is easy to install, with support for Windows® 2000, XP, 2003 and Vista. Plus, the card features IRQ sharing and supports plug and play serial device connections, guaranteeing convenient, hassle-free installation.

The 2 Port PCI Express 16C950 Serial Card is backed by StarTech.com's lifetime warranty and FREE LIFETIME tech 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

- 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
- Maximum data transfer rate of 460 Kbps
- PCI 2.2 and PCI Power Management 1.0 compliant
- Dual Channel 16C950 UART
- UART's fully compatible with 16C550 type devices
- Uses 1x PCI Express lane and compatible with 1x, 2x, 4x, 8x, and 16x lanes

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
Maximum Data Transfer Rate	460Kbps
Serial Protocol	RS-232
Data Bits	5, 6, 7, 8, 9
FIFO	128 Byte
OS Compatibility	Windows® 7 (32/64bit)/ 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]
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

