2 Port Low Profile Native RS232 PCI Express Serial Card with 16950 UART

StarTech ID: PEX2S952LP

The PEX2S952LP low profile/half-height PCI Express Serial Card turns a PCI Express slot into two RS232 (DB9) serial connections.

The card is constructed using a native single chip design that lets you harness the full capability offered by PCI Express (PCIe), while reducing the load applied to the CPU by as much as 48% over conventional bridge chip serial cards.

The PCI Express RS232 Serial Adapter Card is compatible with a broad range of operating systems including Windows® 7/ Server 2008 R2 / Vista/ XP/ 2000, Linux Kernel 2.6.11 and up. The card comes pre-configured with a low profile bracket, but also includes an optional full profile bracket that lets you add two serial ports to virtually any computer (regardless of the case form factor).

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

Applications

- Bank teller workstations in either full profile or low profile versions to control their serial devices such as cash drawers, card readers / card swipes, printers, keypads / pinpads, pen pads
- POS retail applications in grocery stores, and any other retail store to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles
- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc.
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.

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 Tx/Rx/RTS/CTS/DSR/DTR/DCD/RI/GND
- Compliant with PCI Express base specifications revision 1.1a
- High Performance Dual Channel Oxford 950 UART
- Native single-Chip, single lane PCI Express
- Selectable power output on pin 9 for the serial port
- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Ships with half-height mounting bracket; includes optional standard bracket

Technical Specifications

Warranty	Lifetime
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Chipset ID	PLX/Oxford - OXPCIe952
Interface	Serial
Port Style	Integrated on Card
Ports	2
FIFO	128 Bytes
Max Baud Rate	460.8 Kbps
MTBF	87,600 Hours
Serial Protocol	RS-232
Connector Type(s)	1 - PCI Express x1 Male
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Internal Ports	1 - LP4 (4 pin; Molex Large Drive Power) Male
Microsoft WHQL Certified	Yes
OS Compatibility	Windows® CE 6.0 / 5.0, 95, 98SE, 2000, XP, XP Embedded, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2 Linux 2.4.x to 4.4.x *LTS Versions only*
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)
Product Height	0.8 in [20 mm]
Product Length	3.5 in [90 mm]
Product Weight	2 oz [58 g]
Product Width	3.1 in [80 mm]
Shipping (Package) Weight	0.5 lb [0.2 kg]
Included in Package	1 - Low Profile Serial Card
Included in Package	1 - Ribbon Cable w/ DB9 port
Included in Package	1 - Full Profile Bracket
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

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