1 Port Low Profile Native PCI Express Serial Card w/ 16950

StarTech ID: PEX1S952LP

The PEX1S952LP 1 Port Low Profile Native PCI Express RS232 Serial Adapter Card with 16950 UART adds an RS232 (DB9) Serial Port with data rates up to 460 Kbps to a computer through an available low profile PCIe slot, while relying on a native, single-chip design (Oxford OXPCIe952) that harnesses the capability of true PCI Express - ensuring maximum performance and reliability and reducing the load applied to the CPU by as much as 48% over conventional (bridge chip) serial cards.

The 1 port RS232 serial card features a half-height pci express mounting bracket that's designed specifically for low profile/small form factor computer cases, and includes an optional standard height bracket as well. Compatible with a broad range of operating systems including Windows® and Linux for easy integration into mixed environments.

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

- One high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Native single-Chip, single lane PCI Express
- Ships with low profile/half-height bracket, includes optional standard profile bracket
- Selectable power output on pin 9 for the serial port
- High Performance Single Channel Oxford 950 UART
- 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 1.0a

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Technical Specifications

Warranty	Lifetime
Ports	1
Interface	Serial
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCIe952
Connector Type(s)	1 - PCI Express x1 Male
External Ports	1 - DB-9 (9 pin; D-Sub) Male
Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	4, 5, 6, 7, 8
FIFO	128 Bytes
Stop Bits	1, 1.5, 2
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), XP Embedded, CE 6.0 / 5.0 Windows Server® 2012, 2008 R2, 2003, 2000 Linux 2.4.x / 2.6.x
Microsoft WHQL Certified	Yes
Note	Selectable power output on pin 9 of the serial port
Product Length	3.5 in [90 mm]
Product Width	2.6 in [65 mm]
Product Height	0.8 in [20 mm]
Product Weight	1.7 oz [48 g]
Operating Temperature	-10°C to 80°C (14°F to 176°F)
Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Humidity	5~85% RH
Shipping (Package) Weight	0.3 lb [0.1 kg]
Included in Package	1 - 1 Port Serial Card
Included in Package	1 - Standard Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility