4 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

StarTech ID: PEX4S553

The PEX4S553 4-Port Native PCI Express RS232 Serial Adapter Card with 16550 UART lets you add 4 RS232 (DB9) serial ports, using a single PCI Express expansion slot.

Based on a native single-chip design, this 4-port serial adapter card allows you to 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 RS232 Serial Adapter Card includes 4 half-height/low-profile brackets, allowing the card to be installed into almost any PC case, regardless of form factor.

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

Applications

- 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
- 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
- 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

- Four high speed RS232 serial ports, with support for data transfer rates up to 128000bps
- 256-byte deep FIFO per transmitter and receiver
- Native single-Chip, single lane PCI Express
- Includes half-height/low profile mounting brackets
- Built-in 16C450/550 compatible UART
- Compliant with PCI Express Base Specification 1.1

Technical Specifications

Warranty	Lifetime
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	ASIX/MosChip - MCS9904CV-AA
Interface	Serial
Port Style	Integrated on Card
Ports	4
Data Bits	5, 6, 7, 8
FIFO	256 bytes
Max Baud Rate	128 Kbps
Parity	5, 6, 7, 8
Serial Protocol	RS-232
Connector Type(s)	1 - PCI Express x1 Male
External Ports	4 - DB-9 (9 pin; D-Sub) Male
Microsoft WHQL Certified	Yes
OS Compatibility	Windows® 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64) Windows Server® 2012, 2008 R2, 2003 Mac OS® 10.10 Linux
Color	Green
Product Height	0.7 in [19 mm]
Product Length	4.7 in [120 mm]
Product Weight	2.8 oz [80 g]
Product Width	5.1 in [130 mm]
Humidity	5~85% RH
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (4°F to 140°F)
Shipping (Package) Weight	0.5 lb [0.2 kg]
Included in Package	1 - 4 Port PCI-Express RS-232 Serial Card
Included in Package	1 - Bracket with 2 DB9 male ports
Included in Package	4 - Low Profile Brackets
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC