

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

Product 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.

Certifications, Reports and Compatibility



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
- Native single-Chip, single lane PCI Express
- 256-byte deep FIFO per transmitter and receiver
- Includes half-height/low profile mounting brackets
- Built-in 16C450/550 compatible UART
- Compliant with PCI Express Base Specification 1.1

Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASIX - MCS9904CV-AA

Performance

Serial Protocol	RS-232
Max Baud Rate	128 Kbps

Data Bits	5, 6, 7, 8
FIFO	256 bytes
Parity	5, 6, 7, 8
MTBF	26,280 Hours

Connector(s)

Connector Type(s)	1 - PCI Express x1
External Ports	4 - DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows DOS, 95, 98SE, 2000, CE 5.0/6.0, Embedded System 2009, POS Ready 2009, XP Embedded, XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022
	Mac OS 10.4 to 10.10
	Linux 3.5.x and up - LTS Versions only
Microsoft WHQL Certified	Yes

Power

Input Voltage	12V DC
Output Voltage	12V DC

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 60C (4F to 140F)
Humidity	5~85% RH

Physical Characteristics

Color	Green
Material	Steel
Product Length	5.1 in [13 cm]
Product Width	4.7 in [12 cm]
Product Height	0.7 in [1.9 cm]

Weight of Product	2.5 oz [72 g]
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Packaging Information

Package Quantity	1
Package Length	6.7 in [17.1 cm]
Package Width	5.6 in [14.3 cm]
Package Height	1.3 in [3.2 cm]
Shipping (Package) Weight	8.3 oz [234.0 g]

What's in the Box

Included in Package	1 - 4 Port PCI-Express RS-232 Serial Card
	1 - Bracket with 2 DB9 male ports
	4 - Low Profile Brackets
	1 - Driver CD
	1 - Instruction Manual

Warranty Information

Warranty	Lifetime
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**Product appearance and specifications are subject to change without notice.*