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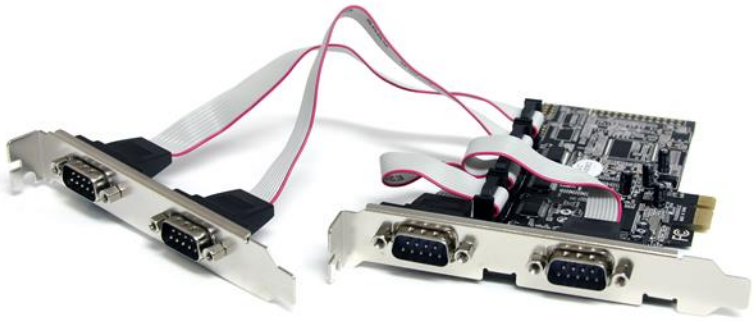
Data Sheet

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

RoHS Compliant Available

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

	Warranty	Lifetime
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	ASIX - MCS9904CV-AA
	Interface	Serial
	Port Style	Integrated on Card
	Ports	4
Performance	Data Bits	5, 6, 7, 8
	FIFO	256 bytes
	Max Baud Rate	128 Kbps
	MTBF	26,280 Hours
	Parity	5, 6, 7, 8
	Serial Protocol	RS-232
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	4 - DB-9 (9 pin, D-Sub) Male
Software	Microsoft WHQL Certified	Yes
	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 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS® 10.4 to 10.10 Linux 3.5.x to 4.11.x *LTS Versions Only*
Environmental	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)
Physical Characteristics	Color	Green
	Product Height	0.7 in [19 mm]
	Product Length	4.7 in [120 mm]
	Product Weight	2.6 oz [74 g]
	Product Width	5.1 in [130 mm]
Packaging Information	Shipping (Package) Weight	8.1 oz [230 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

Product appearance and specifications are subject to change without notice.