

4 Port PCI Express (PCIe) RS232 Serial Card w/ Power Output and ESD Protection

Product ID: PEX4S553S



The PEX4S553S 4-Port PCI Express Serial Card lets you add four ESD-Protected RS232 ports, with 5V or 12V selectable power output through a PCI Express slot.

Ideal for industrial environments, this 4-port serial card offers built-in 15KV ESD-protection which helps prevent damage to connected devices in the event of line surges and electro-static discharge.

Plus, for devices that require additional power, the multi-port serial card also has a jumper-selectable 5V or 12V power output option (pin 9) using either the PCIe bus, or through an SP4 connection to your power supply. For added flexibility, the power output can be enabled or disabled on a per-port basis so you choose which ports supply power.

This versatile RS232 card supports high-speed serial data rates up to 921.6 Kbps, and is compatible with a broad range of operating systems. To maximize installation options, the 4-port card is equipped with a standard profile bracket and includes an optional low profile bracket for installation in small form factor computers. To avoid crowded connections that can occur with fixed/static ports, the card uses a break-out cable which turns a single connector on the card into four flexible RS232 serial ports.

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

Certifications, Reports and Compatibility

Applications

- Monitor and control industrial machines on an assembly line or in a production environment
- 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
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc.

Features

- 921.6 Kbps max baud rate
- 15KV ESD (Electro-Static Discharge) Surge Protection
- Jumper-selected 5V or 12V power output
- Standard profile bracket installed, low profile included
- 256 Byte FIFO per transmitter and receiver
- Compliant with PCI Express Base Specification, Revision 1.1

Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Dongle (Included)
Chipset ID	ASIX - MCS9904

Performance

Serial Protocol	RS-232
Max Baud Rate	921.6 Kbps
Data Bits	5, 6, 7, 8, 9
FIFO	256 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS



Parity	Even, Odd, Mark, Space, None
Stop Bits	1, 1.5, 2
Surge Protection	15KV ESD
MTBF	316,082 Hours

Connector(s)

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

Software

OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11 Windows Server 2003, 2008 R2, 2012 Linux 3.5.x to 4.4.x <i>LTS Versions only</i>
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Special Notes / Requirements

System and Cable Requirements	Available PCI Express slot Available SP4 power supply connector (if additional power is required for connected devices)
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Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

Physical Characteristics

Product Length	3.6 in [92.0 mm]
Product Width	0.7 in [18.0 mm]
Product Height	4.7 in [11.9 cm]
Weight of Product	10.1 oz [286.0 g]

Packaging Information

Package Length	8.5 in [21.5 cm]
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Package Width	5.9 in [14.9 cm]
Package Height	2.0 in [50.0 mm]
Shipping (Package) Weight	14.8 oz [418.0 g]

What's in the Box

Included in Package	Serial Card
	Breakout Cable
	Low Profile Bracket
	Driver CD
	Instruction Manual

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

