

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

Product ID: PEX2S553S



The PEX2S553S 2-Port PCI Express Serial Card lets you add two ESD-Protected RS232 ports with 5V or 12V selectable power output, through a PCI Express slot.

Ideal for industrial environments, this 2-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. An extended operating temperature range (-30°C to 75°C) also helps to ensure performance in harsh environments.

For devices that require additional power, this serial controller has a jumper-selectable 5V or 12V power output option (pin 1 and/or pin 9), through an LP4 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 port(s) supply power.

This versatile RS232 card supports high-speed serial data rates up to 921.6 Kbps, and is compliant with PCIe Gen 2.0 specifications for added bandwidth. To maximize installation options, the 2-port card is equipped with a standard profile bracket and includes an optional low-profile/half-height bracket for installation in small form factor computers.

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

### Certifications, Reports and Compatibility



### Applications

- Industrial machine monitoring/control on an assembly line or in a production environment
- POS retail applications in grocery stores or 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.
- ATM (Automated Teller Machine) installation for controlling keypads, receipt printers, card readers / card swipes, touchscreen LCD's, camera controls, etc.

### Features

- 921.6 Kbps max baud rate
- 15KV ESD (Electro-Static Discharge) Surge Protection
- Jumper-selected 5V or 12V power output on Pin 1 and/or Pin 9
- Extended operating temperature range (-30°C to 75°C)
- Standard profile bracket installed, low profile included
- 256 Byte FIFO per transmitter and receiver
- PCI Express Base Specification 2.0 Compliant (backward compatible with 1.0a/1.1)

<b>Hardware</b>	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Exar - XR17V352
	Industry Standards	PCI Express Base Specification 2.0
	Interface	Serial
	Port Style	Integrated on Card
	Ports	2
<b>Performance</b>	Data Bits	5, 6, 7, 8
	FIFO	256 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS, DTR/DSR
	Max Baud Rate	921.6 Kbps
	Parity	Even, Odd, Mark, Space, None
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
	Surge Protection	15KV ESD
<b>Connector(s)</b>	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	2 - DB-9 (9 pin, D-Sub) Male
<b>Software</b>	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012 Linux 2.6.x to 4.4.x <i>LTS Versions only</i>
<b>Special Notes / Requirements</b>	System and Cable Requirements	Available PCI Express slot
		Available LP4 power supply connector (if additional power is required for connected devices)
<b>Environmental</b>	Humidity	5~95% RH (Non-Condensing)
	Operating Temperature	-30°C to 75°C (-22°F to 167°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
<b>Physical Characteristics</b>	Product Height	3.9 in [9.8 cm]
	Product Length	4.8 in [12.1 cm]
	Product Width	0.7 in [18 mm]
	Weight of Product	2.1 oz [59 g]

<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	5.6 in [14.2 cm]
	Package Width	6.7 in [17 cm]
	Shipping (Package) Weight	6 oz [171 g]
<b>What's in the Box</b>	Included in Package	1 - PCI Express Serial Card
		2 - Low Profile Brackets
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.