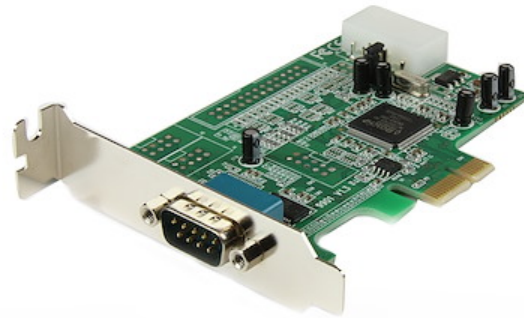


1-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Serial DB9 - 16550 UART - Low Profile Expansion Card - Windows & Linux

**Product ID:** PEX1S553LP



The PEX1S553LP PCI Express Serial Card turns a PCI Express slot into an RS232 (DB9) serial connection.

The card is constructed using a native single chip design that lets you 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 PCI Express RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows and Linux Kernel 2.6.11 to 4.11.x, and ships with a low profile/half-height bracket installed, but includes an optional full profile bracket that lets you add a serial port to virtually any computer (regardless of the case form factor).

This product is a replacement for our PEX1S552LP card.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility





## Applications

- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- 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
- 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
- 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

- **1 PORT SERIAL CARD:** Serial controller card w/ 16550 UART based on ASIX MCS9922CV-AA, allows 1x DB9 port w/bi-directional RS232 speeds up to 460.8Kbps per port, available 256 byte FIFO buffer; Upgraded version of our popular card PEX1S552LP
- **OPTIONAL CONFIGURABLE POWER:** PCI Express RS232 serial adapter card provides choice of 12v, 5v, or none through pin 9
- **STANDARD PROFILE & LOW PROFILE BRACKET:** PCIe serial card comes w/ a low profile bracket pre-installed & 1x full profile bracket is incl for versatile install; Supports Windows & Linux
- **VERSATILE APPLICATIONS:** For low/standard profile desktop/servers w/ uses in point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanner, oscilloscope
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this PCIe serial adapter card is backed for life, including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)

Port Style	Integrated on Card
Chipset ID	ASIX - MCS9922CV-AA

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#### Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
FIFO	TX: 1 Byte RX: 1-255 Byte (depending on mode)

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#### Connector(s)

Connector Type(s)	1 - PCI Express x1
Internal Ports	1 - LP4 (4 pin; Large Drive Power)
External Ports	1 - DB-9 (9 pin, D-Sub)

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#### 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 X 10.4 to 10.10  Linux kernel 2.6.x and up - <i>LTS Versions only</i>
Microsoft WHQL Certified	Yes

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#### Power

Input Voltage	12V DC
Output Voltage	12V DC

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#### Environmental

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)
Humidity	5~85% RH

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#### Physical Characteristics

Color	Green
Material	Steel
Product Length	4.1 in [10.5 cm]
Product Width	3.1 in [8 cm]
Product Height	0.8 in [2 cm]
Weight of Product	1.6 oz [44 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.7 in [17.0 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	4.5 oz [128.0 g]

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**What's in the Box**

Included in Package	1 - 1 Port PCI-Express Serial Card
	1 - Full Profile Bracket
	1 - Driver CD
	1 - Instruction Manual

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