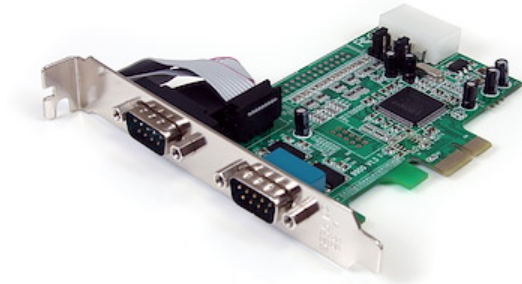


## 2 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

**Product ID:** PEX2S553



The PEX2S553 PCI Express serial card lets you turn a PCI Express slot into 2 RS232 (DB9) serial ports. Based on a native single chip design (no bridge chip), this 2-port serial adapter card allows you to harness the full capability offered by PCI Express (PCIe), and reducing the load applied to the CPU by as much as 48% over conventional serial cards.

The RS232 Serial Adapter Card (PEX2S553) is compatible with a broad range of operating systems including Windows 2000/XP/2003/Vista/Windows 7/Server 2008 R2 (32 and 64 bit), Linux Kernel 2.6.11 to 4.11.x, and MAC OS 10.4 and above.

Plus, the serial card includes an optional half-height/low profile bracket that allows the card to be installed in any PCI Express slot, regardless of the size of the computer case.

This product is a replacement for our PEX2S552 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
- 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

- 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

- Two high speed RS232 serial ports with support for data transfer rates up to 460.8 Kbps
- Compliant with PCI Express base specifications revision 1.0a
- Includes half-height/low profile mounting bracket
- Selectable power output on pin 9 for the serial port
- 128-byte deep FIFO per transmitter and receiver
- Native single-Chip, single lane PCI Express
- Automated out-of-band flow control using CTS/RTS and DSR/DTR
- Automated in-band software flow control using programmable Xon/Xoff in both directions

---

### Hardware

Warranty	2 Years
Ports	2
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASIX - MCS9922CV-AA

---

### Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
FIFO	128 Bytes

---

### Connector(s)

Connector Type(s)	PCI Express x1
-------------------	----------------

Internal Ports LP4 (4 pin; Large Drive Power)

External Ports 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  
Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019  
Mac OS X 10.4 to 10.10  
Linux kernel 2.6.x to 4.11.x <i>LTS Versions only</i>

---

### Special Notes / Requirements

Note Selectable power output on pin 9 of the serial port

---

### Environmental

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

---

### Physical Characteristics

Color Green  
Material Steel  
Product Length 4.1 in [10.5 cm]  
Product Width 4.7 in [12 cm]  
Product Height 0.8 in [20 mm]  
Weight of Product 2.2 oz [61 g]

---

### Packaging Information

Package Length 6.9 in [17.5 cm]  
Package Width 5.7 in [14.5 cm]  
Package Height 1.3 in [32 mm]  
Shipping (Package) Weight 5.3 oz [151 g]



---

**What's in the  
Box**

Included in Package	2 Port PCI-Express Serial Card
	Low Profile Brackets
	Driver CD
	Instruction Manual

---

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

