

2-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Dual Serial DB9 Card - 16550 UART - Expansion Card - Windows & Linux

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 and 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

- **2 PORT SERIAL CARD:** Serial controller card w/16550 UART based on ASIX MCS9922CV-AA, allows 2x DB9 ports w/bi-directional RS232 speeds up to 460.8Kbps per port, available 128 byte FIFO buffer Upgraded version of our popular card PEX2S552
- **OPTIONAL CONFIGURABLE POWER:** PCI Express RS232 Serial Adapter Card provides choice of 12v, 5v, or none through pin 9; Each of the 2 ports are individually configurable
- **STANDARD PROFILE & LOW PROFILE BRACKET:** PCIe multiport serial card comes w/ a standard bracket pre-installed & 2x low profile brackets incl for versatile install; supports Windows & Linux
- **VERSATILE APPLICATIONS:** For standard profile desktop/servers with uses in point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanners, 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

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
MTBF	1,378,573 hours

Connector(s)

Connector Type(s)	1 - PCI Express x1
Internal Ports	1 - LP4 (4 pin; Large Drive Power)
External Ports	2 - 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, 11 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>
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Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port
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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

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 [2 cm]
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	1 - 2 Port PCI-Express Serial Card
	2 - Low Profile Brackets
	1 - Driver CD
	1 - Instruction Manual

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

