EN - For pricing and availability in your local country please visit one of the below links:

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[PEX2S553](PEX2S553)

EN
This Datasheet is presented by
the manufacturer

DE
Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR
Cette fiche technique est
présentée par le fabricant

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

StarTech 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 and up, 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 Lifetime warranty and free lifetime technical support.

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.
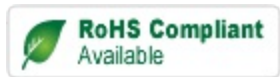
Features

- 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

Technical Specifications

Warranty	2 Years
Interface	Serial
Ports	2
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASIX/MosChip - MCS9922CV-AA
Connector Type(s)	1 - PCI Express x1 Male
Internal Ports	1 - LP4 (4 pin; Molex Large Drive Power) Male
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Max Baud Rate	460.8 Kbps
Serial Protocol	RS-232
FIFO	128 Bytes
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), XP Embedded, POS Ready 2009, Embedded System 2009, CE 5.0/6.0, 2000, 98SE, 95, DOS Windows® Server 2012, 2008 R2, 2003(32/64) Mac OS® 10.4 and up (Tested up to 10.9) Linux kernel 2.6.x
Note	Selectable power output on pin 9 of the serial port
Color	Green
Product Length	105 mm [4.1 in]
Product Width	120 mm [4.7 in]
Product Height	20 mm [0.8 in]
Product Weight	63.5 g [2.2 oz]
Humidity	5~85% RH
Operating Temperature	-10°C to 80°C (14°F to 176°F)
Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Shipping (Package) Weight	0.2 kg [0.4 lb]
Included in Package	1 - 2 Port PCI-Express Serial Card
Included in	2 - Low Profile Brackets

Package

Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility