

## 2S1P PCI Express Serial Parallel Combo Card with Breakout Cable

StarTech ID: PEX2S1P552B



The PEX2S1P552B 2S1P PCI Express Serial Parallel Combo Card with Breakout Cable combines the functionality of a Parallel Card and a Serial Card, adding 2 RS232 serial ports and 1 parallel port to a single PCI-Express (PCIe) expansion slot.

A suitable addition to almost any computer, the card offers a low-profile design and includes an optional full height bracket. A single connector delivers individual parallel and serial connections using the included break-out cable, adding a total of 3 ports to your system while avoiding "crowded" connections that can occur with fixed/static connection ports. This RS232 serial adapter card also features compatibility with a broad range of operating systems, including DOS, Windows® 7/ Server 2008 R2/Vista/XP/Server2003/2000/98SE (32 and 64 bit), Linux and Mac OS X 10.4.

The adapter card features a native PCI Express single-chip design, providing improved speed and reliability while reducing the CPU load by as much as 48% over conventional (bridge chip) adapter cards.

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

## Applications

- Healthcare (patient monitoring equipment, nurses' stations, modems)
- Use your existing serial and parallel devices with PCI Express desktop PCs, overcoming a lack of legacy support
- Point-of-Sale (POS credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Security (UPS control, access key panels, video cameras, card readers, modems)
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Connect parallel and serial devices like printers, scanners, ISDN terminal adapters, CD-R/RWs, Zip® drives and memory card readers
- Environmental Control (lighting, temperature, clocks)
- Entertainment (video lottery terminals, slot machines, gaming systems)
- Consumer (modems, PDAs, digital cameras, printers)
- Hospitality/Restaurant (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- ISDN Networking

## Features

- Supports Re-map function for legacy ports (Supported OSs only)
- Low-profile design with optional full profile bracket
- Single-chip architecture
- Parallel data transfer rate up to 1.5 Mbps
- Serial data transfer rate up to 250 Kbps (per port)
- Compatible with industrial standard 16C450/16C550 UART
- Supports (SPP), Enhanced Parallel Port (EPP), Enhanced Capability Port(ECP)
- PCI Express Base Specification 1.0a compliant
- On-chip 256-byte depth FIFO in transmit/receive path of each port
- Single-Lane (x1) PCI-Express

**Technical Specifications**

Warranty	Lifetime
Ports	3
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Dongle (Included)
Industry Standards	16C450/16C550 UART
Industry Standards	SPP, EPP, ECP
Chipset ID	ASIX/MosChip - MCS9901CV-CC
Connector Type(s)	1 - PCI Express x1 Male
External Ports	1 - DB-25 (25 pin; D-Sub) Female
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Maximum Data Transfer Rate	250 Kbps for Serial and 1.5 Mbps for Parallel
Serial Protocol	RS-232
Data Bits	5, 6, 7, 8
FIFO	256 Byte
Flow Control	Hardware, Software
Parity	Even, Odd, None, Space, Mark
OS Compatibility	DOS, Windows 95/ 98SE/ 2000/ XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, Linux, and Mac OS 10.4.x and up Windows XP Embedded/ POS Ready 2009/ Embedded System 2009 OS/ CE 5.0/ CE 6.0
Microsoft WHQL Certified	Yes
Product Length	2.7 in [68 mm]
Product Width	0.9 in [22 mm]
Product Height	2.4 in [61 mm]
Product Weight	8.8 oz [248.9 g]
Shipping (Package) Weight	1.5 lb [0.7 kg]
Included in Package	1 - PCIe 2S1P Card
Included in Package	1 - Breakout Cable
Included in Package	1 - Full profile bracket
Included in Package	1 - Driver CD

Package  
Included in 1 - User Manual  
Package

**Certifications, Reports and Compatibility**

