

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

**Product ID:** PEX2S1P553B



The PEX2S1P553B 2S1P PCI Express Serial Parallel Combo Card with Breakout Cable combines the functionality of Parallel and Serial cards, adding 2 RS232 serial ports and 1 parallel port through a single PCI Express (PCIe) slot.

Suitable for almost any computer, the card offers a low profile/half-height design and includes an optional full-height bracket. The included break-out cable uses a single connector on the card to deliver 3 ports, avoiding crowded connections that can occur with fixed/static ports. Compatible with a broad range of operating systems including DOS, Windows 7/Server 2008 R2/Vista/XP/Server 2003/2000/98SE (32/64 bit), Linux and Mac OS X.

The card also features a native single-chip design that provides improved speed and reliability while reducing the CPU load by as much as 48% over conventional (bridge chip) cards.

This product is a replacement for our PEX2S1P552B card.

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

## Certifications, Reports and Compatibility

### Applications

- Connect legacy parallel and serial devices like printers, scanners, ISDN terminal adapters, CD-R/RWs, Zip drives and memory card readers
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Point-of-Sale (POS credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Healthcare (patient monitoring equipment, nurses' stations, modems)

- Security (UPS control, access key panels, video cameras, card readers, modems)
- Environmental Control (lighting, temperature, clocks)
- Entertainment (video lottery terminals, slot machines, gaming systems)
- Hospitality/Restaurant (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Consumer (modems, PDAs, digital cameras, printers)
- ISDN Networking

## Features

- Low profile/half-height design with optional full profile bracket
- Single-chip architecture, no bridge chip
- Supports parallel data transfer rates up to 1.5 Mbps
- Supports 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 host connection

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## Hardware

Warranty	Lifetime
Ports	3
Interface	Serial
	Parallel
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Dongle (Included)
Industry Standards	16C450/16C550 UART
	SPP, EPP, ECP

Chipset ID ASIX - MCS9901CV-CC

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**Performance**

Maximum Data Transfer Rate	250 Kbps for Serial and 1.5 Mbps for Parallel
Serial Protocol	RS-232
Max Baud Rate	230.4 Kbps
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	Hardware, Software
Parity	Even, Odd, None, Space, Mark

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**Connector(s)**

Connector Type(s)	PCI Express x1
External Ports	DB-25 (25 pin, D-Sub) DB-9 (9 pin, D-Sub)

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**Software**

OS Compatibility	Windows DOS, 95, 98SE, 2000, POS Ready 2009, Embedded System 2009, CE 5.0/6.0, XP Embedded, 2000, XP, Vista, 7, 8, 8.1, 10, 11  Windows Server 2003, 2008 R2, 2012, 2016, 2019  Mac OS X 10.4 to 10.9  Linux 3.5.x to 4.11.x <i>LTS Versions only</i>
Microsoft WHQL Certified	Yes

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**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~85% RH

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**Physical Characteristics**

Color	Black
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Material	Steel
Product Length	3.7 in [95 mm]
Product Width	0.9 in [23 mm]
Product Height	3.1 in [79 mm]
Weight of Product	7.9 oz [225 g]

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**Packaging Information**

Package Length	5.6 in [14.3 cm]
Package Width	6.8 in [17.3 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	11.2 oz [317 g]

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**What's in the Box**

Included in Package	PCIe 2S1P Card
	Breakout Cable
	Full profile bracket
	Driver CD
	User Manual

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

