

## 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

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

## Features

- Compatible with industrial standard 16C450/16C550 UART
- Low profile/half-height design with optional full profile bracket
- On-chip 256-byte depth FIFO in transmit/receive path of each port
- Supports parallel data transfer rates up to 1.5 Mbps
- PCI Express Base Specification 1.0a compliant
- Supports serial data transfer rate up to 250 Kbps (per port)
- Single-chip architecture, no bridge chip
- Single-Lane (x1) PCI-Express host connection
- Supports (SPP), Enhanced Parallel Port (EPP), Enhanced Capability Port(ECP)

|                    |                            |                                               |
|--------------------|----------------------------|-----------------------------------------------|
| <b>Hardware</b>    | Warranty                   | Lifetime                                      |
|                    | Ports                      | 3                                             |
|                    | Interface                  | Serial                                        |
|                    | Interface                  | Parallel                                      |
|                    | 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 - MCS9901CV-CC                           |
| <b>Performance</b> | 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                  |
|                    |                            |                                               |

|                                 |                           |                                                                                                                            |
|---------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Connector(s)</b>             | Connector Type(s)         | PCI Express x1                                                                                                             |
|                                 | External Ports            | DB-25 (25 pin, D-Sub)                                                                                                      |
|                                 | External Ports            | DB-9 (9 pin, D-Sub)                                                                                                        |
| <b>Software</b>                 | 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 |
|                                 | Microsoft WHQL Certified  | 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>                                                                             |
|                                 |                           | Yes                                                                                                                        |
| <b>Environmental</b>            | Operating Temperature     | 0C to 70C (32F to 158F)                                                                                                    |
|                                 | Storage Temperature       | -40C to 85C (-40F to 185F)                                                                                                 |
|                                 | Humidity                  | 5~85% RH                                                                                                                   |
| <b>Physical Characteristics</b> | 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]                                                                                                             |
| <b>Packaging Information</b>    | Package Length            | 5.6 in [1.4 cm]                                                                                                            |
|                                 | Package Width             | 6.8 in [1.7 cm]                                                                                                            |
|                                 | Package Height            | 1.3 in [32 mm]                                                                                                             |
|                                 | Shipping (Package) Weight | 11.2 oz [317 g]                                                                                                            |
| <b>What's in the Box</b>        | Included in Package       | Breakout Cable                                                                                                             |
|                                 | Included in Package       | Driver CD                                                                                                                  |
|                                 | Included in Package       | Full profile bracket                                                                                                       |
|                                 | Included in Package       | PCIe 2S1P Card                                                                                                             |
|                                 | Included in Package       | User Manual                                                                                                                |

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