

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 |
| | Bus Type | PCI Express |
| | Card Type | Low Profile (SP bracket incl.) |
| | Chipset ID | ASIX - MCS9901CV-CC |
| | Industry Standards | 16C450/16C550 UART SPP, EPP, ECP |
| | Interface | Parallel Serial |
| | Port Style | Dongle (Included) |
| | Ports | 3 |
| Performance | Data Bits | 5, 6, 7, 8 |
| | FIFO | 256 Bytes |
| | Flow Control | Hardware, Software |
| | Max Baud Rate | 230.4 Kbps |
| | Maximum Data Transfer Rate | 250 Kbps for Serial and 1.5 Mbps for Parallel |
| | Parity | Even, Odd, None, Space, Mark |
| | Serial Protocol | RS-232 |
| Connector(s) | Connector Type(s) | 1 - PCI Express x1 Male |
| | External Ports | 1 - DB-25 (25 pin, D-Sub) Female 2 - DB-9 (9 pin, D-Sub) Male |
| | | |
| Software | Microsoft WHQL Certified | Yes |
| | 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 Windows Server® 2003, 2008 R2, 2012, 2016 Mac OS X® 10.4 to 10.9 Linux 3.5.x to 4.11.x <i>LTS Versions only</i> |
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| Environmental | Humidity | 5~85% RH |
| | Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| | Storage Temperature | -40°C to 85°C (-40°F to 185°F) |
| Physical Characteristics | Product Height | 3.1 in [79 mm] |
| | Product Length | 3.7 in [95 mm] |
| | Product Weight | 7.9 oz [225 g] |

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| | Product Width | 0.9 in [23 mm] |
| Packaging Information | Shipping (Package) Weight | 11.2 oz [317 g] |
| What's in the Box | Included in Package | 1 - PCIe 2S1P Card 1 - Breakout Cable 1 - Full profile bracket 1 - Driver CD 1 - User Manual |

Product appearance and specifications are subject to change without notice.