

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 and Solutions

- 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)
 - Consumer (modems, PDAs, digital cameras, printers)
 - Entertainment (video lottery terminals, slot machines, gaming systems)
 - 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 warranty
- Bus Type: PCI Express
- External Ports: 1 - DB 25-pin Parallel Female
- External Ports: 2 - DB 9-pin Serial Male
- Product Height: 2.4 in [61 mm]
- Product Length: 2.68 in [68 mm]
- Maximum Data Transfer Rate: 250 Kbps for Serial and 1.5 Mbps for Parallel
- Number of Ports: 3
- Carton Quantity: 50
- Shipping (Package) Weight: 1.5 lb [0.68 kg]
- Product Weight: 8.79 oz [248.87 g]
- Microsoft WHQL Certified: Yes
- Product Width: 0.87 in [22 mm]
- Card Type: Low / Standard Profile
- Data Bits: 5, 6, 7, 8
- FIFO: 256 Byte
- Parity: Even, Odd, None, Space, Mark
- Flow Control: Hardware, Software
- Industry Standards: SPP, EPP, ECP
- Industry Standards: 16C450/16C550 UART
- Chipset ID: MosChip MCS9901
- 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

