

2S1P PCI Express Serial Parallel Combo Card with Breakout Cable

StarTech ID: PEX2S1P552B



The PEX2S1P552B PCI Express Serial/Parallel Combo card combines the functions of a PCI Express Parallel Card and PCI Express Serial Card, for installation in a single PCIe expansion slot.

A suitable addition to small form factor cases, the card offers a low profile design and includes an optional full profile bracket. The card features a single parallel/serial combo port that delivers individual parallel and serial connections using the included break-out style cable - adding two RS232 (DB9) serial ports and one parallel port while avoiding "crowded" connections that can occur with fixed/static connection ports.

The adapter card features a native PCI Express single-chip design that allows you to take advantage of full PCI Express capability, providing improved system and peripheral speed and reliability while reducing the load applied to the CPU by as much as 48% over conventional (bridge chip) adapter cards.

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

- Compatible with industrial standard 16C450/16C550 UART
- Even, odd, none, space & mark parity support
- Hardware, software flow control support
- Low profile design with optional full profile bracket
- On-chip 256-byte depth FIFO in transmit/receive path of each port
- Parallel data transfer rate up to 1.5MBps
- PCI Express Base Specification 1.0a compliant
- Serial data transfer rate up to 250Kbps (per port)
- Serial format support: 5-bit, 6-bit, 7-bit, 8-bit
- Single-chip architecture
- Single-Lane (x1) PCI-Express with throughput up to 2.5Gbps
- Supports Re-map function for legacy ports(Supported OSs only)
- Supports Standard Parallel Port(SPP), Enhanced Parallel Port (EPP), Enhanced Capability Port(ECP)

Technical Specifications

- Warranty: Lifetime warranty
- Bus Type: PCI Express
- Chipset ID: Moschip MCS9901
- 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]
- 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]
- **Note:** Compatible OS: DOS, Windows 95, 98, ME; Windows XP (32-bit, 64-bit), Windows Vista (32-bit, 64-bit); Linux Kernel 2.6.11 and above; Mac OSX 10.4 and above

