2S1P PCI Express Serial Parallel Combo Card with Breakout Cable

StarTech 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.

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
- Supports Re-map function for legacy ports (Supported OSs only)
- 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

Technical Specifications

Warranty	Lifetime
Product Height	3.1 in [79 mm]
Product Length	3.7 in [95 mm]
Product Weight	1.8 oz [50 g]
Product Width	0.9 in [23 mm]
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Chipset ID	ASIX/MosChip - MCS9901CV-CC
Industry Standards	16C450/16C550 UART
Industry Standards	SPP, EPP, ECP
Interface	Parallel
Interface	Serial
Port Style	Dongle (Included)
Ports	3
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 Type(s)	1 - PCI Express x1 Male
External Ports	1 - DB-25 (25 pin; D-Sub) Female
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Microsoft WHQL Certified	Yes
OS Compatibility	Windows® 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64), XP Embedded, POS Ready 2009, Embedded System 2009, CE 5.0/6.0, 2000, 98SE, 95, DOS Windows Server® 2012, 2008 R2, 2003 Mac OS® 10.4 and later (tested up to 10.9) Linux

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)
Shipping (Package) Weight	0.6 lb [0.3 kg]
Included in Package	1 - PCIe 2S1P Card
Included in Package	1 - Breakout Cable
Included in Package	1 - Full profile bracket
Included in Package	1 - Driver CD
Included in Package	1 - User Manual

Certifications, Reports and Compatibility

RoHS Compliant Available

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