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
Ports	3
Interface	Parallel
Interface	Serial
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/MosChip - MCS9901CV-CC
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
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
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 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 up (Tested up to 10.9) Linux
Microsoft WHQL Certified	Yes
Product Length	3.7 in [95 mm]
Product Width	0.9 in [23 mm]
Product Height	3.1 in [79 mm]
Product Weight	1.8 oz [50 g]

Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5~85% RH
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

CE

FC

works with Linux

works with Mac OS X Mavericks

RoHS Compliant Available

works with Windows 7

works with Windows Server 2012

works with Windows 8