

8-Port PCI Express RS232 Serial Adapter Card, PCIe RS232 Serial Card, 16C1050 UART, Low Profile Serial DB9 Controller/Expansion Card, 15kV ESD Protection, Windows Only - TAA

**Product ID:** PEX8S1050LP



Add eight RS-232 DB9 serial ports to your desktop computer, through two PCIe expansion card slots. This PCI express serial card, with two breakout cables, provides you with multiple ports to connect a wide variety of serial peripherals, at speeds of up to 921.4Kbps.

The PCI express serial port card makes it easy to add serial ports to connect your peripherals including printers, scanners, credit/debit card readers, PIN pads and modems, industrial controls and more. The 8 port PCIe serial card includes 2 breakout cables - each with 4 DB9 connectors.

The low profile PCIe serial card is the ideal choice for adding serial ports, even when space is at a premium. The DB9 serial card is designed to fit into small form factor and standard computer cases. The card comes pre-configured with a low-profile bracket, and includes two optional full-profile brackets, so installation is easy regardless of the case form factor.

This PCI Express card is only compatible with Windows and Windows server.

## Certifications, Reports and Compatibility



## Applications

- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- POS (credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Consumer (modems, PDAs, digital cameras, printers)
- Security (UPS control, access key panels, video cameras, card readers, modems)
- Casino (video lottery terminals, slot machines)
- Environmental Control (lighting, temperature, clocks)
- Healthcare (patient monitoring equipment, nurses' stations, modems)
- Hotel Front Desk (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Hospitality/Restaurant (credit card/debit card reader, serial printers)
- ISDN Networking

## Features

- 8 PORT SERIAL CARD: Serial controller card w/ 16C1050 UART based on the Systembase SB16C1058PCI, w/15kV ESD, 8x DB9 ports, bi-directional RS232 speeds up to 921.6Kbps per port & 256 byte FIFO buffer An upgrade to our popular card PEX8S950LP
- OPTIONAL CONFIGURABLE POWER: Multiport serial card provides 12v/5v, or none on pin 9 w/up to 3A total shared; 2 (1xDB44 to 4xDB9) breakout cables incl; Hex nuts incl for opt screw or nut DB9 interface
- WINDOWS ONLY: 2 low profile brackets for PCI-e 1x card; Fully compliant w/ PCI Express Base Specifications, Revision 1.0a/1.1; Supports Windows (incl. XP and up) and Windows Server (2003 and up); For low profile desktop/servers
- VERSATILE APPLICATIONS: PCI Express RS232 serial adapter card for within point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanners, oscilloscope
- TECH SPECS: System Base SB16C1058PCI Chipset; 16C1050 UART Compat.; 8x 9-Pin D-Sub Ports; Max Baud 921.6Kbps per port; 256 Byte FIFO; None/Even/Odd Parity Modes; 5/6/7/8 Data Bits; RS-232; 2x Low Profile Brackets installed (Full Profile Brackets incl.)

---

### Hardware

	Warranty	Lifetime
Ports	8	
Interface	Serial	
Bus Type	PCI Express	

Card Type	Low Profile (SP bracket incl.)
Port Style	Dongle (Included)
Chipset ID	ASMEDIA - ASM1083
SYSTEMBASE - SB16C1058PCI	

---

**Performance**

Serial Protocol	RS-232
Max Baud Rate	921.6 Kbps
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	RTS/CTS, XON/XOFF
Parity	None, Even, Odd, 1, 0
Stop Bits	1, 1.5, 2

---

**Connector(s)**

Connector Type(s)	1 - PCI Express x1
Internal Ports	1 - SP4 (4 pin, Small Drive Power)
External Ports	8 - DB-9 (9 pin, D-Sub)

---

**Software**

OS Compatibility	Windows CE 5.0, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2003, 2008 R2, 2012, 2016, 2019, 2022

---

**Environmental**

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

---

**Physical Characteristics**

Color	Yellow
Material	Steel

---

Cable Length	11.8 in [30 cm]
Product Length	5.7 in [14.5 cm]
Product Width	0.9 in [2.2 cm]
Product Height	2.4 in [6 cm]
Weight of Product	4.1 oz [116 g]

---

#### Packaging Information

Package Quantity	1
Package Length	11.5 in [29.3 cm]
Package Width	7.6 in [19.2 cm]
Package Height	2.8 in [70.0 mm]
Shipping (Package) Weight	1.6 lb [0.7 kg]

---

#### What's in the Box

Included in Package	1 - PCIe Serial Card
	2 - 1 ft [30 cm] DB44 to 4-Port DB9 Break-out Cables
	2 - Low Profile Brackets (Installed)
	2 - Full Profile Brackets
	1 - Quick-Start Guide
	8 - Optional DB9 Connector Hex Nut Pairs

---

#### Warranty Information

Warranty	Lifetime
----------	----------

---

*\*Product appearance and specifications are subject to change without notice.*