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

Product ID: PEX8S1050



Add eight RS-232 DB9 serial ports to your desktop computer, through a PCIe expansion card slots. This PCI express serial card, with 8-port breakout cable, 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 a breakout cable - with 8 DB9 connectors.

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; Upgraded version of our popular card PEX8S952

• OPTIONAL CONFIGURABLE POWER: Multiport serial card provides 12v/5v, or none on pin 9 w/up to 3A total shared; 18"/48cm DB62 to 8x DB9 breakout cable incl; Hex nuts incl for opt screw/nut DB9 interface

• WINDOWS ONLY: Full profile PCI-e 1x card and 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 standard 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 compatible; 8x 9-Pin D-Sub Ports; Max Baud 921.6Kbps per port; 256 Byte FIFO; Supports Windows Only; None, Even, or Odd Parity Modes; 5/6/7/8 Data Bits; RS-232 Protocol; Standard Profile Bracket

General		
	UPC	065030888295
	Package Quantity	1
	Warranty	Lifetime
Power		
	Input Voltage	12V DC
	Output Voltage	12V DC
Physical &		

Environmental

Color	Yellow
Material	Steel
Cable Length	18.9 in [48 cm]
Product Length	4.1 in [10.5 cm]
Product Width	0.6 in [16.0 mm]
Product Height	4.7 in [12.0 cm]
Weight of Product	2.6 oz [74.0 g]
Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-40C to 75C (-40F to 167F)
Humidity	5~95% RH

Performance

Data Bits	5, 6, 7, 8
FIFO	TX: 1-255 Byte
	RX: 1-255 Byte
	* Depending on mode and configurations
Flow Control	Software (XON/XOFF), Hardware (RTS/CTS), and Xoff Re-Transmit function
Parity	None, Even, or Odd
Stop Bits	1, 1.5, 2
Max Baud Rate	921.6 Kbps
Serial Protocol	RS-232
ESD Protection	+/-15kV (Air)
	+/-8kV (Contact)
General Specifications	Power on Pin 9: 12V DC, 5V DC or None
MTBF	160,013 hours

Hardware

	Number of Ports	8
	Interface	Serial
	Bus Type	PCI Express
	Card Type	Standard Profile
	Port Style	Dongle (Included)
	Industry Standards	16C1050 UART
	Chipset ID	ASMedia - ASM1083
		System Base - SB16C1058PCI
Packaging & In-the-Box		
	Included in Package	1 - PCIe Serial Card
		1 - 18 in [48 cm] DB62 to 8 Port DB9 Breakout Cable
		1 - Full Profile Bracket (Installed)
		1 - Quick Start Guide
		8 - Optional DB9 Connector Hex Nut Pairs
	Package Width	11.6 in [29.4 cm]
	Package Depth	7.6 in [19.2 cm]
	Package Height	2.8 in [70 mm]
	Shipping (Package) Weight	23.9 oz [676 g]
Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	PCI Express x1
	Connector 2 (Quantity)	8
	Connector 2	DB-9 Serial

Product appearance and specifications are subject to change without notice.