

4-Port RS232 PCI Express Serial Card

OX-MSC614



The OX-MSC614 4-Port RS232 Serial PCI Express Card turns a PCI Express slot into Two RS232 (DB9) serial 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 speed and reliability while reducing the load applied to the CPU by as much as 48% over conventional serial cards which use a bridge chip design.

Applications

- Self-service automated machines and kiosks to control serial devices such as touch screens, bar code scanners, receipt printers, label printers

Features

- 4 high speed RS-232 serial ports with data transfer rate up to 230 Kbps
- Breakout dongle cable included
- 256-byte depth FIFO per transmitter and receiver
- Automated out-of-band hardware flow control using Tx/Rx/RTS/CTS/DSR/DTR/DCD/GND
- Supports Auto-hardware flow control and Auto-software flow control to reduce CPU loading
- Compliant with PCI Express base specification revision 2.0
- Native single-chip, single lane PCI Express

Specification

Hardware

Bus Type	PCI Express
Card Type	Standard Profile
Chipset ID	ASIX – AX99100
Industry Standards	PCI Express Base Specification Rev. 2.0

Performance	Interface	Serial
	Port Style	Dongle (Included)
	Ports	4
	FIFO	256 Bytes
	Data Bits	5,6,7,8,9
	Stop Bits	1, 1.5, 2
Connector(s)	Parity	Even, Odd, None, Space, Mark
	Max Baud Rate	230Kbps
	Maximum Data Transfer Rate	230Kbps
	Protocol	RS-232
	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	4 – DB-9 (9 pin, D-Sub) Male
Software	OS Compatibility	Windows® 7, 8.x, 10 Windows Server® 2008 R2, 2012, 2016, 2019; Linux kernel 2.6.13 and later
Special Notes / Requirements	System and Cable Requirements	PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)
Environmental	Humidity	20~80% RH
	Operating Temperature	-40°C to 85°C (41°F to 122°F)
	Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Product Height	120 mm
	Product Length	78 mm
	Product Width	22mm
	Product Weight	44 g
What's in the Box	Included in Package	1 – 4 Port RS232 PCIe Card
		1 – DB44 to 4-Port DB9 Male Fanout Cable (30 cm)

Product appearance and specifications are subject to change without notice.