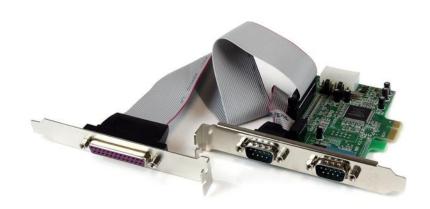


2S1P Native PCI Express Parallel Serial Combo Card with 16550 UART

Product ID: PEX2S5531P



The PEX2S5531P 2S1P PCI Express Card turns a PCI Express slot into two RS232 (DB9) serial ports and one Parallel port. 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.

Compatible with a broad range of operating systems including Windows® 2000/XP/2003/Vista[™]/Windows 7/Server 2008 R2 (32 and 64-bit), Linux Kernel 2.6.11 and up, and MAC OS 10.4, this 2 Port Serial 1 Port Parallel PCI-Express Card also features an optional low profile/half-height bracket that allows the card to be installed in virtually any computer case, regardless of the case form factor.

This product is a replacement for our PEX2S5521P card.

Backed by a StarTech.com Lifetime warranty and free lifetime technical support.

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Data Sheet

Certifications, Reports and Compatibility











Applications

- Self-service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- POS retail applications in grocery stores, and any other retail store to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles
- Bank teller workstations in either full profile or low profile versions to control their serial devices such as cash drawers, card readers / card swipes, printers, keypads / pinpads, pen pads
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc.
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.

Features

- Two high speed RS232 serial ports with data transfer rate up to 460.8 Kbps
- One parallel port with data transfer rate up to 1.5 Mbps
- Compliant with PCI Express base specifications revision 1.0a
- 128-byte deep FIFO per transmitter and receiver
 - Configurable in 5V, 12V, and RI (non-powered) modes
- Selectable power output on pin 9 for the serial port
- Native single-chip, single lane PCI Express
- Automated out-of-band flow control using CTS/RTS and DSR/DTR
- Automated in-band flow control using programmable Xon/Xoff in both directions

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Data Sheet

Hardware Performance Connector(s)	Warranty Bus Type Card Type Chipset ID Industry Standards Interface Port Style	2 Years PCI Express Standard Profile (LP bracket incl.) ASIX - MCS9901CV-CC IEEE 1284 PCI Express base specifications revision 1.0a Parallel Serial
Performance	Card Type Chipset ID Industry Standards Interface	Standard Profile (LP bracket incl.) ASIX - MCS9901CV-CC IEEE 1284 PCI Express base specifications revision 1.0a Parallel
	Chipset ID Industry Standards Interface	ASIX - MCS9901CV-CC IEEE 1284 PCI Express base specifications revision 1.0a Parallel
	Industry Standards Interface	IEEE 1284 PCI Express base specifications revision 1.0a Parallel
	Interface	PCI Express base specifications revision 1.0a Parallel
		Parallel
	Port Style	Serial
	Port Style	
		Integrated on Card
	Ports	2
Connector(s)	FIFO	128 Bytes
Connector(s)	Max Baud Rate	460.8 Kbps
Connector(s)	Maximum Data Transfer Rate	RS-232 - 460.8Kbps Parallel - 1.5Mbps
Connector(s)	Serial Protocol	RS-232
Connector(s)	Supported Protocols	EPP, ECP, SPP, PS/2
	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - DB-25 (25 pin, D-Sub) Female
		2 - DB-9 (9 pin, D-Sub) Male
	Internal Ports	1 - LP4 (4 pin; Large Drive Power) Male
Software	OS Compatibility	Windows® DOS, 95, 98SE, 2000, POS Ready 2009, Embedded System 2009, CE 5.0/6.0, XP Embedded, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Mac OS X® 10.4 to 10.9 Linux 3.5.x to 4.11.x <i>LTS Versions only</i>
Special Notes / Requirements	Note	Selectable power output on pin 9 of the serial port
Environmental	Humidity	5~85% RH
	Operating Temperature	-10°C to 80°C (14°F to 176°F)
	Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Physical Characteristics	Product Height	0.8 in [2 cm]

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Hard-to-find made easy*		Data Sheet
	Product Width	4.7 in [12 cm]
	Weight of Product	4 oz [112 g]
Packaging Information	Package Height	1.2 in [31 mm]
	Package Length	6.9 in [17.4 cm]
	Package Width	5.7 in [14.5 cm]
	Shipping (Package) Weight	7.3 oz [208 g]
What's in the Box	Included in Package	1 - 2 Port PCI-Express Serial Card
		1 - Parallel port (with ribbon cable)
		3 - Low Profile Brackets
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.

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