4 Port RS232 PCI Serial Card Adapter with Power Output

StarTech ID: PCI4S954PW

The PCI4S954PW 4-Port PCI Serial Card (with Power Output) turns a PCI slot into 4 RS232 (DB9) serial connections and enables compatible devices to draw power from the serial ports.

Suitable for many RS232-powered serial applications, this PCI serial card offers a selectable 5V or 12V power option, capable of power output using pin 1, 4, 8 or 9, which enables you to configure the card to suit the requirements of your powered RS232 devices.

A flexible solution for adding serial ports to full-sized, or small form factor systems, the 4-port serial card includes both low and full profile brackets while the included breakout cable helps to avoid cluttered connections.

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

Applications

- Monitor and control industrial machines on an assembly line or in a production environment
- 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
- Self-service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc.

Features

- Four high speed RS232 serial ports with data transfer rate up to 460 Kbps
- Selectable voltage output of 5V or 12V
- Selectable power output via pin 1/4/8/9
- Universal PCI card supports installation into 3.3 or 5V PCI slots
- Compliant with PCI specifications revision 3.0
- High Performance Oxford 16C950 UART
- 128-byte deep FIFO per transmitter and receiver
- ±15KV ESD protection on all signal pins

Technical Specifications

Warranty	Lifetime
Ports	4
Interface	serial
Bus Type	PCI / PCI-X (5 / 3.3V)
Card Type	Standard Profile (LP bracket incl.)
Port Style	Dongle (Included)
Industry Standards	PCI 3.0
Chipset ID	PLX/Oxford - OXuPCI954
Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V; 32-bit) Male
Internal Ports	1 - LP4 (4 pin; Molex Large Drive Power) Female
External Ports	4 - DB-9 (9 pin; D-Sub) Male
Maximum Data Transfer Rate	460.8 Kbps
Serial Protocol	RS-232
Data Bits	5, 6, 7, 8, 9
FIFO	128-bytes per transmitter and receiver
Flow Control	Automated in-band (Xon/Xoff)
	Automated out-of-band (CTS#/RTS# and/or DSR#/DTR#)
Stop Bits	1, 1.5, 2
Surge Protection	±15KV ESD on all signal pins
OS Compatibility	Windows® 8 (32/64bit)/ 7 (32/64bit)/ Vista(32/64)/ XP(32/64), CE 5.0
	Windows® Server 2008 R2/ 2003(32/64)
	Linux 2.4.x/2.6.x
Microsoft WHQL Certified	Yes
Color	Black
Product Length	5 in [127 mm]
Product Width	0.6 in [15 mm]
Product Height	2.5 in [64 mm]
Product Weight	2.4 oz [68 g]
Output Voltage	12/5 DC
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (4°F to 140°F)
Humidity	5~85% RH Non-condensing
Shipping (Package) Weight	0.9 lb [0.4 kg]
Included in Package	1 - 4 Port Serial Card
Included in Package	1 - Breakout Cable

Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility