

2 Port RS232 PCI Express Serial Card with Power Output

Produkt ID: PEX2S952PW



The PEX2S952PW 2-Port PCI Express Serial Card (with Power Output) turns a PCI Express slot into 2 RS232 (DB9) serial connections and enables compatible devices to draw power from the serial ports.

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

A flexible solution for adding serial ports to small form factor or full-sized systems, the 2-port serial card includes both low and full profile brackets and features a 4-layer PCB (with separate layers for data and ground) to greatly reduce signal noise and loss.

To ensure maximum performance, the serial card is based on a native single chip design, that allows you to harness the full capability of PCI Express (PCIe) - providing optimum reliability and speed while reducing the load applied to the CPU by as much as 48% over conventional (bridge chip) serial cards.

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

Certifikat, rapporter och kompatibilitet



Användning

- 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.

Funktioner

- Two 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
- 4-layer PCB reduces signal noise and loss (separate data / ground layers)
- Native single-chip, single lane PCI Express architecture
- Compliant with PCI Express base specifications revision 1.1
- High Performance Dual Channel Oxford 16C950 UART
- 128-byte deep FIFO per transmitter and receiver
- ±15KV ESD protection on all signal pins

Hårdvara

Garantipolicy	Lifetime
Portar	2
Gränssnitt	Seriell
Busstyp	PCI Express

Korttyp	Standardprofil (inkl. LP-fäste)
Porttyp	Dongel (medföljer)
Industristandarder	PCI Express 1.1
Chipset-ID	PLX/Oxford - OXPCIE952

Prestanda

Maximal dataöverföringshastighet	460.8 Kbps
Seriellt protokoll	RS-232
Maximal överföringshastighet	460.8 kbps
Databitar	4, 5, 6, 7, 8
FIFO	128 Bytes
Stoppbitar	1, 1.5, 2
Överspänningsskydd	±15KV ESD on all signal pins

Kontakt(er)

Kontakttyp(er)	1 - PCI Express x1
Interna portar	1 - LP4 (4-stift, Molex-type Large Drive Power)
Externa portar	2 - DB-9 (9-stifts, D-Sub)

Mjukvara

OS-kompatibilitet	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), XP Embedded, CE 6.0 / 5.0 Windows Server® 2012, 2008 R2, 2003(32/64), 2000 Linux 2.4.x / 2.6.x
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Ström

Utspanning	12/5V DC
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Miljö

Drifttemperatur	0°C to 50°C (32°F to 122°F)
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Förvaringstemperatur -20°C to 60°C (4°F to 140°F)

Luftfuktighet 5~85% RH

Utseende

Färg	Svart
Produktlängd	3.1 in [80 mm]
Produktbredd	0.6 in [1.5 cm]
Produkthöjd	2.3 in [5.9 cm]
Produktvikt	1.9 oz [54 g]

Förpackning

Paketets längd	6.7 in [17 cm]
Paketets bredd	5.6 in [14.2 cm]
Paketets höjd	1.2 in [30 mm]
Fraktvikt (förpackning)	0.6 lb [0.3 kg]

Vad det är i lådan

Ingår i paketet	1 - 2 Port Serial Card
	1 - Breakout Cable
	1 - Low Profile Bracket
	1 - Driver CD
	1 - Instruction Manual

Warranty Information

Warranty	Livslängd
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* Produkters utseende och specifikationer kan komma att ändras utan förvarning.