

Startech 1-port PCI Express RS232 Serial Adapter Card, PCIe RS232 Serial Host Controller Card, PCIe to Serial DB9 COM Port, 16950 UART, Low Profile Expansion Card, Windows/macOS/Linux (PEX1S953LP)

Startech 1-port PCI Express RS232 Serial Adapter Card, PCIe RS232 Serial Host Controller Card, PCIe to Serial DB9 COM Port, 16950 UART, Low Profile Expansion Card, Windows/macOS/Linux - Full/Low-Profile (PEX1S953LP) - Serial adapter - PCI Express x1 low profile - RS-232 x 1



The StarTech.com 1-port PCI Express RS232 Serial Adapter Card provides a solution for adding serial communication capabilities to a desktop system. This adapter is compatible with the PCI Express x1 bus interface and features a single 9-pin D-Sub (DB-9) connector, making it easy to connect to various devices. With support for full duplex mode and a data transfer rate of 921.6 Kbps, it ensures efficient data transmission. The design includes a low-profile form factor suitable for compact cases, while adhering to standards such as WHQL, FCC, RoHS, and WEEE, making it a choice for technology setups requiring serial ports. Operating within a temperature range of 0°C to 70°C and a humidity level of 20 to 80%, this adapter card is built to perform in various environments. It utilizes a 256-byte FIFO buffer for enhanced data handling and stability. Whether used for legacy devices or modern equipment, this RS-232 adapter card from StarTech.com represents a practical solution for expanding connectivity options in personal or professional settings.

Key Selling Points

- Compatible with PCI Express x1 bus interface
- Full duplex mode for efficient data transmission
- Supports a data transfer rate of 921.6 Kbps
- Low-profile design ideal for compact cases
- Adheres to compliance standards including FCC and RoHS

Product Features

- Reliable connectivity**
The adapter features a single 9-pin D-Sub (DB-9) connector which allows for secure connections to a variety of serial devices, enhancing system communication capabilities.
- Robust performance**
Operating within a temperature range of 0°C to 70°C and a humidity range of 20 to 80%, the adapter is designed to perform steadily across various environmental conditions.
- Efficient data handling**
With a 256-byte FIFO buffer, this adapter card increases data handling capability, allowing for smooth data flow and minimizing transmission errors.
- Versatile compliance**
Compliant with standards such as WHQL, FCC, RoHS, and WEEE, the adapter ensures reliability and safety in diverse applications.
- High-speed data transfer**
Achieving data transfer rates of up to 921.6 Kbps, this adapter card manages data transfer applications with efficiency.

Main specifications

Product Description	Startech 1-port PCI Express RS232 Serial Adapter Card, PCIe RS232 Serial Host Controller Card, PCIe to Serial DB9 COM Port, 16950 UART, Low Profile Expansion Card, Windows/macOS/Linux - Full/Low-Profile (PEX1S953LP) - serial adapter - PCI Express x1 - RS-232 x 1
Device Type	Serial adapter
Form Factor	Plug-in card - low profile
Interface (Bus) Type	PCI Express x1
PCI Specification Revision	PCIe 1.1
Ports	RS-232 x 1
Dimensions (WxDxH)	4.62 cm x 9.8 cm x 1.8 cm
Weight	46.2 g
Data Link Protocol	RS-232
Data Transfer Rate	921.6 Kbps
Processor	ASIX AX99100
System Requirements	Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2016, Linux 2.4 - 2.6.x
Manufacturer Warranty	Limited lifetime warranty

Extended specification

General

Device Type	Serial adapter
Form Factor	Plug-in card - low profile
Interface (Bus) Type	PCI Express x1
PCI Specification Revision	PCIe 1.1

Expansion / Connectivity

Interfaces	1 x RS-232 - 9 pin D-Sub (DB-9)
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Manufacturer Warranty

Service & Support	Limited warranty - lifetime
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Networking

Ports	RS-232 x 1
Connectivity Technology	Wired
Data Link Protocol	RS-232
Data Transfer Rate	921.6 Kbps
Features	Full duplex mode, 256-byte FIFO

Miscellaneous

Included Accessories	Full-height bracket
Compliant Standards	WHQL, FCC, RoHS, WEEE

Software / System Requirements

OS Required	Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2016, Linux 2.4 - 2.6.x
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	70 °C
Humidity Range Operating	20 - 80%

Processor / Memory

Processor	ASIX AX99100
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Dimensions & Weight

Width	4.62 cm
Depth	9.8 cm
Height	1.8 cm
Weight	46.2 g

Dimensions & Weight (Shipping)

Shipping Weight	124.6 g
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