

Serial Interfaces (RS232 and RS485)

▶ CompactRIO Serial Interfaces

▼ PCIe Serial Interfaces

▶ 2-Port, RS-232

▶ 8-Port, RS-232

▶ 16-Port, RS-232

▶ 2-Port, RS-232, Isolated

▶ 2-Port, RS-485

▶ 8-Port, RS-485

▶ 16-Port, RS-485

▶ 2-Port, RS-485, Isolated

▶ PCI Serial Interfaces

▶ PXIe Serial Interfaces

▶ PXI Serial Interfaces

▶ USB Serial Interfaces

▶ Ethernet Serial Interfaces

▶ PCMCIA Serial Interfaces

▶ ExpressCard Serial Interfaces

▶ Serial Cables and Accessories

NI PCIe-8430/2 (RS232)

High-Performance, 2-Port RS232 Interface for PCI Express


[Zoom/Alternate Images](#)

- Compatible with Windows and LabVIEW Real-Time OSs
- Flexible standard and nonstandard baud rates from **2 baud** to **1,000,000 baud**
- Better than 0.015 percent accuracy for standard baud rates and 0.5 percent for nonstandard rates
- High-speed DMA interface and 128 B transmit and receive FIFOs minimize CPU overhead
- NI-Serial driver includes free NI-VISA API for easy programming

Overview

Specifications

Pricing

Resources

Specifications Summary

General	
Form Factor	PCI Express
Product Family	Serial
Serial Standard Compatibility	RS-232
Port Information	
Number of Ports	2
Max Device Connections / Port	31
Handles RTS / CTS Handshake Lines	Yes
Interrupt Sharing Between Ports	Yes
Direct Memory Access (DMA)	Yes
Physical Specifications	
Operating Temperature	0 °C - 55 °C
I / O Connector	9-pin D-Sub (DB-9)
Length	11.12 cm
Width	17.53 cm

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- Specifications
- Pricing**
- Resources

Part Number	Description	Est Ship	US Dollars	Qty
782122-01	NI PCIE-8430/2, 2 Port, RS232 Serial Interface	16 - 24		<input type="text" value="0"/>
182238-01	RS232 Null-Modem Cable, DB-9 Female to DB-9 Female, 1m	14 - 19		<input type="text" value="0"/>
182238-02	RS232 Null-Modem Cable, DB-9 Female to DB-9 Female, 2m	9 - 14		<input type="text" value="0"/>
182238-04	RS232 Null-Modem Cable, DB-9 Female to DB-9 Female, 4m	9 - 14		<input type="text" value="0"/>
183045-01	RS232 Straight-Through Cable, DB-9 Female to DB-9 Male, 1m	14 - 19		<input type="text" value="0"/>
183045-02	RS232 Straight-Through Cable, DB-9 Female to DB-9 Male, 2m	14 - 19		<input type="text" value="0"/>
183045-04	RS232 Straight-Through Cable, DB-9 Female to DB-9 Male, 4m	9 - 14		<input type="text" value="0"/>

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