



# NATIONAL INSTRUMENTS USB-232-4 Serial Interface Device Owner's Manual

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## NATIONAL INSTRUMENTS USB-232-4 Serial Interface Device



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## COMPREHENSIVE SERVICES

We offer competitive repair and calibration services, as well as easily accessible documentation and free downloadable resources.

## SELL YOUR SURPLUS

We buy new, used, decommissioned, and surplus parts from every NI series. We work out the best solution to suit your individual needs.  Sell For Cash  Get Credit  Receive a Trade-In Deal

## OBSOLETE NI HARDWARE IN STOCK & READY TO SHIP

We stock New, New Surplus, Refurbished, and Reconditioned NI Hardware.

Bridging the gap between the manufacturer and your legacy test system.

## NI-Serial Software Installation

To install your NI-Serial software, follow these steps.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the NI-Serial media.
3. Run the NI-Serial for Windows installer.
4. For more information about installing your Serial interface, refer to the appropriate following section.

## PCI/PCI Express/PXI/PXI Express Serial Installation

Refer to the installed Serial Hardware and Software Help for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Power down the computer, install your serial PCI, PCI Express, PXI, or PXI Express hardware, and power on the computer.
2. After Windows detects your hardware, open NI-Serial Troubleshooter.
3. The NI-Serial Troubleshooter window appears. This application verifies the software and hardware installation

and sequentially tests each NI serial port.

4. Connect the cables.

## USB Serial Installation



**Caution** The USB Serial device and the computer must share the same ground potential.

Refer to the installed Serial Hardware and Software Help for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Restart the computer.
2. If you are installing a USB-485/4, connect the external power supply.
3. Connect the USB cable from the USB hardware to an available USB port on your computer or USB hub.
4. Open NI-Serial Troubleshooter.
5. The NI-Serial Troubleshooter window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
6. Connect the cables.

## ENET Serial Installation

Refer to the installed Serial Hardware and Software Help for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Restart the computer.
2. Install your Serial ENET hardware.
  - a. Open NI-Serial ENET Wizard.
  - b. Follow the prompts to add your serial ENET interface(s). If you see the Hardware Installation dialog box, click Continue Anyway. You may see two Hardware Installation dialog boxes per port being installed.
  - c. When finished adding your serial ENET interface(s), restart your computer.
3. Open NI-Serial Troubleshooter.
4. The NI-Serial Troubleshooter window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
5. Connect the cables.

## Express Card Serial Installation

Refer to the installed Serial Hardware and Software Help for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Restart the computer.
2. Insert your serial Express Card hardware.
3. Open NI-Serial Troubleshooter.
4. The NI-Serial Troubleshooter window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
5. Connect the cables.

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Customer Support



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Documents / Resources

	<a href="#">NATIONAL INSTRUMENTS USB-232-4 Serial Interface Device</a> [pdf] Owner's Manual USB-232-4 Serial Interface Device, USB-232-4, Serial Interface Device, Interface Device, Device
	<a href="#">NATIONAL INSTRUMENTS USB-232-4 Serial Interface Device</a> [pdf] User Guide USB-232-4 Serial Interface Device, USB-232-4, Serial Interface Device, Interface Device, Device

References

-  [Test and Measurement Systems, a part of Emerson - NI](#)
-  [Test and Measurement Systems, a part of Emerson - NI](#)
-  [Trade Compliance - NI](#)
-  [National Instruments Patents - NI](#)
-  [GPIB, Serial, and Ethernet - NI](#)
-  [NI Trademarks and Logo Guidelines - NI](#)
-  [USB-232/4 National Instruments Serial Interface Device | Apex Waves](#)
- [User Manual](#)

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