

# Serial Installation Guide

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## Supported Operating Systems

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The following table lists the operating systems each hardware interface supports.

Interface Type	Windows Vista 32	Windows Vista 64	Windows 2000/XP
PCI-843x	✓	✓	✓
PCI-232/485	✓	✓	✓
PXI-843x	✓	✓	✓
PXI-842x	✓	✓	✓
USB	✓	✓	✓
ENET	✓	✓ <sup>1</sup>	✓
ExpressCard	✓	✓	✓
PCMCIA	✓		✓

<sup>1</sup> NI-VISA support only.

# PCI/PXI Serial Installation

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Refer to the *Serial Hardware and Software Help* (available on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows* CD.
3. Click **Install Software** and follow the onscreen instructions.
4. Power down the computer, install your serial PCI or PXI hardware, and power on the computer.
5. After Windows detects your hardware, select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard**.
6. The Troubleshooting Wizard window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
7. Connect the cables.

# USB Serial Installation

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Refer to the *Serial Hardware and Software Help* (available on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows* CD.
3. Click **Install Software** and follow the onscreen instructions.
4. Restart the computer.
5. If you are installing a USB-485/4, connect the external power supply.
6. Connect the USB cable from the USB hardware to an available USB port on your computer or USB hub.
7. Select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard**.
8. The Troubleshooting Wizard window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
9. Connect the cables.

# ENET Serial Installation

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Refer to the *Serial Hardware and Software Help* (available on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows* CD.
3. Click **Install Software** and follow the onscreen instructions.
4. Restart the computer.
5. Install your Serial ENET hardware.
  - a. Select **Start»Programs»National Instruments»NI-Serial»ENET»Add Serial ENET** to launch the Add 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.
6. Select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard**.
7. The Troubleshooting Wizard window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
8. Connect the cables.

# ExpressCard Serial Installation

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Refer to the *Serial Hardware and Software Help* (available on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows* CD.
3. Click **Install Software** and follow the onscreen instructions.
4. Restart the computer.
5. Insert your serial ExpressCard hardware.
6. Select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard**.

7. The Troubleshooting Wizard window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
8. Connect the cables.

## PCMCIA Serial Installation

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Refer to the *Serial Hardware and Software Help* (available on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows* CD.
3. Click **Install Software** and follow the onscreen instructions.
4. Restart the computer.
5. Insert your serial PCMCIA hardware.
6. Select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard**.
7. The Troubleshooting Wizard window appears. This application verifies the software and hardware installation and sequentially tests each NI serial port.
8. Connect the cables.