

INSTALLATION GUIDE

Serial ENET for Windows



Note For Windows NT installation instructions, refer to *Serial Device Server for Windows NT Installation*.

Windows 2000/XP Installation



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

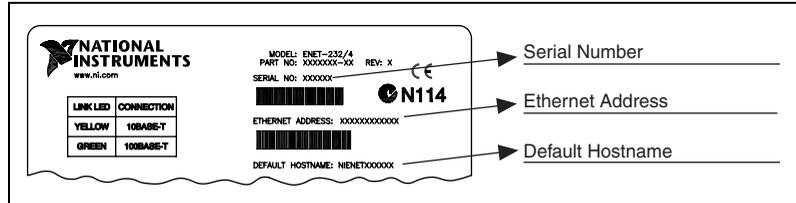
To install the serial ENET software, complete the following steps:

1. Log on as Administrator or as a user with administrator privileges.
2. Insert the *NI-Serial Software for Windows 2000/XP* CD.
3. If the NI-Serial autorun application starts, select **Install Software**, follow the onscreen instructions, and skip to step 5. Otherwise, select **Start»Settings»Control Panel** and then double-click **Add/Remove Programs**.
4. Click **Add New Programs, CD or Floppy**, and **Next**. When the Run Installation Program window appears, click **Finish** and follow the onscreen instructions.
5. Remove the CD and restart the computer.
6. Select **Start»Programs»National Instruments»NI-Serial»ENET»Add Serial Enet** to launch the Add Serial Enet wizard. Follow the prompts to add your serial ENET interface(s). When finished adding your serial ENET interface(s), restart your computer.
7. Select **Start»Programs»National Instruments»NI-Serial»Troubleshooting Wizard** to launch the Troubleshooting Wizard. This application verifies the software and hardware installation and sequentially tests each NI serial port.
8. Connect the serial cables.

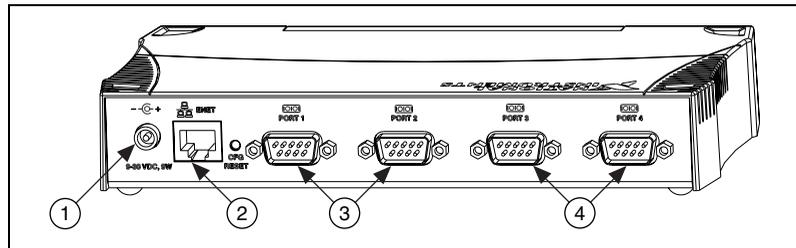
Serial Device Server for Windows NT Installation

To install the serial device server software, complete the following steps:

1. Insert disk 1 and run the NI Serial Device Server setup. Go to **Start>Run**. Type in `a:\setup.exe` and click **OK**. Follow the prompts to install your software.
2. Record the following information from the baseplate label. This information helps identify this device on the network.

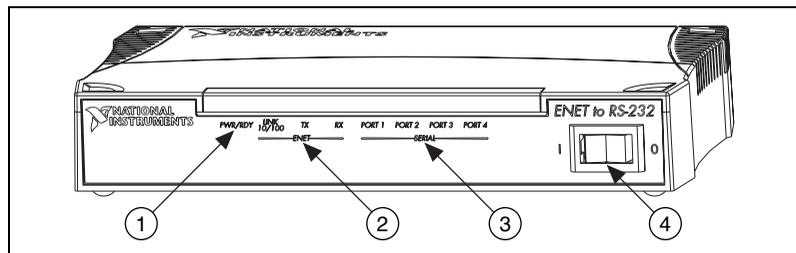


3. Connect the power and Ethernet cables to the connectors shown below.



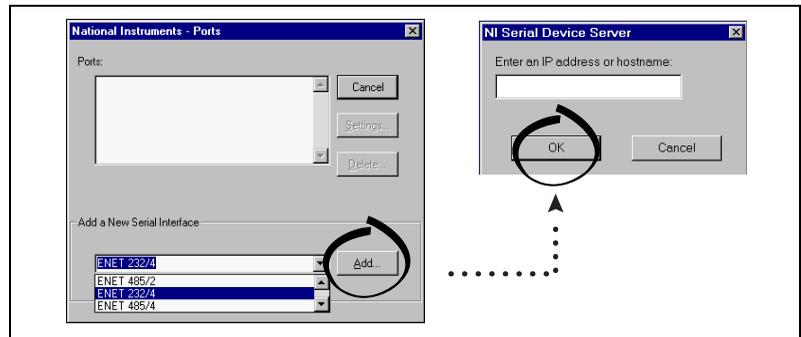
- | | |
|------------------------|---|
| 1 Power Connection | 4 Serial Ports 3 and 4 (on Four-Port Models Only) |
| 2 Ethernet Connection | |
| 3 Serial Ports 1 and 2 | |

4. Power on the serial device server. The power switch is shown below.



- | | |
|-----------------|--------------------|
| 1 PWR/RDY LED | 3 Serial Port LEDs |
| 2 Ethernet LEDs | 4 Power Switch |

5. Wait up to 90 seconds and observe the **PWR/RDY LED**:
 - **Steady yellow**—Device was automatically configured. Go to step 6.
 - **Steady red**—Contact National Instruments.
 - **Slow blinking pattern**—Refer to Appendix B, *PWR/RDY LED Signaling*, in the *ENET-232 Series and ENET-485 Series User Manual for Windows 2000/NT 4.0 and Linux x86/Solaris 2.x* and contact National Instruments. (You can access the user manual PDF by going to **Start»Programs»National Instruments»NI Serial Device Server»User Manual.**)
 - **Continues flickering rapidly**—Refer to Chapter 3, *Ethernet Configuration*, in the user manual to manually configure your device.
6. Configure the NI serial server software.
 - a. Go to **Start»Settings»Control Panel** and double-click the **NI Ports** icon. Select your serial device server model from the drop-down list, as shown below.
 - b. Enter the default hostname if your device was automatically configured. Otherwise, use the IP address assigned using the NI Ethernet Device Configuration utility.



7. When you finish configuring the NI Serial Device Server software, remove the disk and restart your computer.
8. After the computer restarts, the Serial Device Server diagnostics program automatically launches. Click **Start** to verify the installation.
9. Installation is complete. Connect your serial cables.

For additional information about configuring the hardware and software, troubleshooting problems, programming requirements, and so on, refer to the *ENET-232 Series and ENET-485 Series User Manual for Windows 2000/NT 4.0 and Linux x86/Solaris 2.x*. (You can access the user manual PDF by going to **Start»Programs»National Instruments»NI Serial Device Server»User Manual.**)

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