PCI Serial Installation Guide

This guide includes instructions for installing your PCI serial hardware and software.

If you are using Windows Me/9x, see page 2.

If you are using Windows NT, see page 6.

If you are using Windows 2000, see page 10.

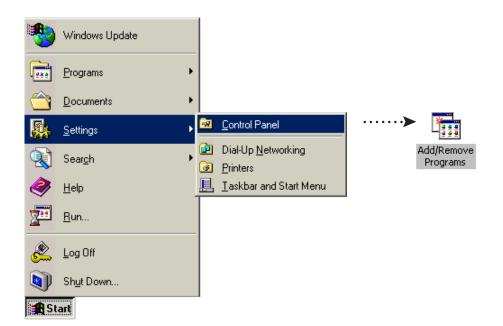
PCI Serial Installation for Windows Me/9*x*

Insert the NI Serial Software CD.



2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.

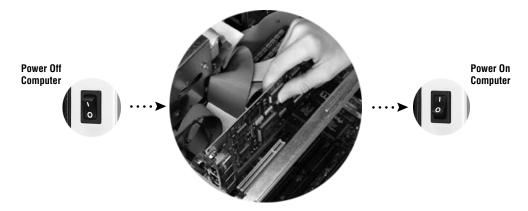


In the Install/Uninstall tab, click on Install and Next. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.

Add/Remov	ve Programs Properties
Install/Unir	nstall Windows Setup Startup Disk
2	To install a new program from a floppy disk or CD-ROM drive, click Install.
	Install
	Run Installation Program
	If this is the correct installation program, click Finish. To start the automatic search again, click Back. To manually search for the installation program, click Browse. Command line for installation program: DXSETUP.EXE Browse
	< <u>B</u> ack Finish Cancel

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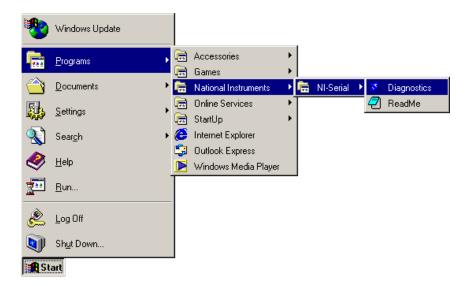
Remove the CD. Shut down the computer, install the hardware, and power on the computer.



When you restart the computer, the Add New Hardware Wizard appears. Complete the wizard by clicking Next in each window and then Finish.

Add New Hardware Wiz	ard
	Windows has found the following new hardware: N.I. PCI-232/8 Multi-function Parent Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next. What would you like to do? Automatic search for a better driver (Recommended) Specify the location of the driver (Advanced)
	< Back Next > Cancel

Select Start»Programs»National Instruments»NI Serial»Diagnostics.



S Nationa	l Instruments - S	Serial Diagnostics		×
		e to the National Instru ics utility for the serial ir		
	cables fr applicati	ou begin the test disco om all the serial ports a ons that access the po Start' button.	nd close all	
	Port Name	IO Address Test	Interrupt Test	
Г	COM5	pass	pass	_
	COM6	pass	pass	
	COM7	pass	pass	
	COM8	pass	pass	
	COM9	pass	pass	
	COM10	pass	pass	
	COM11 COM12	pass pass	pass pass	
1		Start	E <u>x</u> it	

8 Conne

Connect the cables.



Refer to your National Instruments serial manual (in PDF format on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.

PCI Serial Installation for Windows NT

1

Log on as Administrator or as a user who has administrative privileges. Insert the NI Serial Software CD.

Enter Network	k Password		? ×
	Enter your netw	vork password for Microsoft Networking.	OK Cancel
	<u>U</u> ser name:	Administrator	
	Password:	*****	
	<u>D</u> omain:		



indows NT

2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.

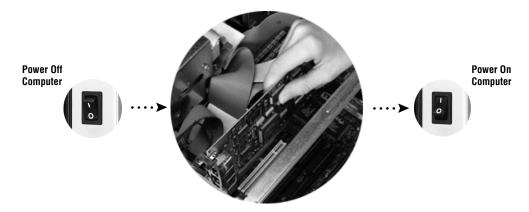
	<u>S</u> ettings	ontrol Panel	····· >	*
	Eind •	☑ Printers ▲ Laskbar		Add/Remove Programs
2	<u>H</u> elp			
2	<u>R</u> un			
	Shut Down			
🛃 Sta		-		

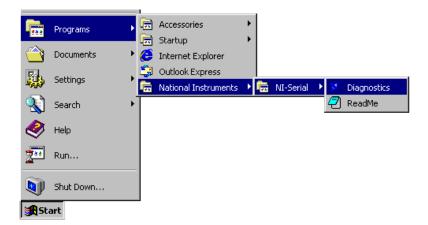
In the Install/Uninstall tab, click on Install and Next. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.

Add/Remov	ve Programs Properties
Install/Unir	nstall Windows Setup Startup Disk
2	To install a new program from a floppy disk or CD-ROM drive, click Install.
	Install
	Run Installation Program
	If this is the correct installation program, click Finish. To start the automatic search again, click Back. To manually search for the installation program, click Browse. Command line for installation program: DISETUPEXE Browse
	< <u>B</u> ack Finish Cancel

4

Remove the CD. Shut down the computer, install the hardware, and power on the computer.





6

Vindows NT

The Serial Diagnostics Window appears. Click Start to run the diagnostics.

🚿 National	Instruments -	Serial Diagnostics		×
Welcome to the National Instruments diagnostics utility for the serial interfaces. Before you begin the test disconnect the cables from all the serial ports and close all applications that access the ports. Then click on the "Start" button.				
-	Port Name	IO Address Test	Interrupt Test	1
	COM2 COM3 COM4 COM5 COM6 COM7 COM8 COM9	pass pass pass pass pass pass pass pass	pass pass pass pass pass pass pass pass	
		<u>Start</u>	Egit	

Connect the cables.



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PCI Serial Installation for Windows 2000

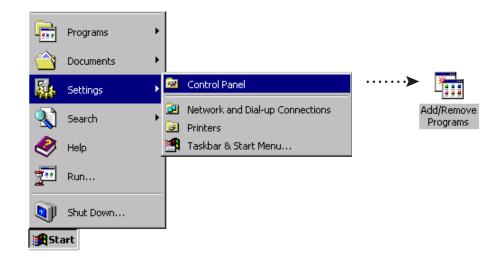
1

Log on as Administrator or as a user with administrative privileges. Insert the NI Serial Software CD.

Log On to Wir			
	Windows 2000 Professional	Microsoft	MENSION XPF D
<u>U</u> ser name: Password:	Administrator		
Lassword.	OK Cancel	Options >>	

2

If the NI Serial setup starts automatically, follow the onscreen instructions and skip to Step 4. Otherwise, select Start»Settings»Control Panel. In the Control Panel window, double-click on Add/Remove Programs.



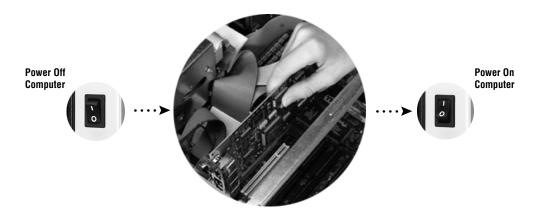
3

Click on Add New Programs, CD or Floppy, and Next. When the Run Installation Program window appears, click on Finish and follow the onscreen instructions.

Add/Remov	ve Programs	
12	Add a program from CD-ROM or floppy disk	
Change or Remove	To add a program from a CD-ROM or floppy disk, click CD or Floppy.	CD or Floppy
Programs	Add programs from Microsoft	
Add New Programs	To add new Windows features, device drivers, and system updates over the Internet, click Windows Update.	Windows Update
Seat 💼	Run Installation Program	×
Add/Remove Windows Components	If this is the correct installation program, click start the automatic search again, click Back search for the installation program, click Brow Open: OXSETUPIEXE	To manually
		J
	< Back Finish	Cancel

4

Remove the CD. Shut down the computer, install the hardware, and power on the computer.

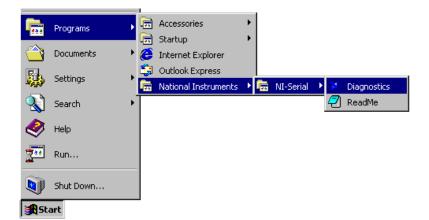


When you restart the computer, the Found New Hardware Wizard appears. Complete the wizard by clicking Next in each window and then Finish.

Found New Hardware Wizard
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
N.I. PCI-232/8 Multi-function Parent
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
O <u>D</u> isplay a list of the known drivers for this device so that I can choose a specific driver
< <u>B</u> ack <u>N</u> ext > Cancel

6

Select Start»Programs»National Instruments»NI Serial»Diagnostics.



The Serial Diagnostics Window appears. Click Start to run the diagnostics.

🕺 Nationa	l Instruments -	Serial Diagnostics		X
		ne to the National Instru tics utility for the serial i		
	cables i applical	you begin the test disco rom all the serial ports a ions that access the po Start' button.	ind close all	
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	COM5	, pass	pass	
	COM6	pass	pass	
	COM7	pass	pass	
	COM8	pass	pass	
	СОМ9	pass	pass	
		Start	E <u>x</u> it	

B Connect the cables.



Refer to your National Instruments serial manual (in PDF format on the CD) for more information about troubleshooting problems, configuring the hardware and software, programming requirements, and more.



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