Knowledge Base

TE-310 Quick Installation Guide for Windows 2000 Professional using NetBEUI protocol

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The information in this article applies to:

TE-310

OVERVIEW

Major steps toward a successful TE-310 installation:

- 1. Make sure Windows 2000 Professional is installed with NetBEUI protocol.
- 2. Install TE-310 Windows support software.
- 3. Install and configure device driver for the shared printers.

SUMMARY

This article describes using a Windows 2000 Professional to prepare and setup TE-310 for shared printer access through out your network. The following network diagram depicts a typical network and is used for this sample setup procedure:



TE-310 Quick Installation Guide

This article assumes the following:

- You are able to log into Windows 2000 Professional with administrative privileges.
- NetBEUI protocol is properly installed.

CONTENTS

Below is a procedure for making sure NetBEUI protocol is installed. This is optional. If you know NetBEUI is installed, you may proceed to the next section: Installing TE-310 with First Parallel Port.

1. Right-click on My Network Places icon.

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My Computer				
10				
Open				
Place Search for Compute	rs			
Who Am I				
My Docu Map Network Drive.	 Drive			
Create Shortcut				
Rename				
Interi Explo				
<mark></mark>				
Microsoft				
Outlook				
8				
Recycle Bin				
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2. Select Properties





3. Right-click the active Local Area Connection. In this case, Local Area Connection 2.

4. Select Properties.

.ocal Area Connection 2 Properties		
General		
Connect using:		
PCMCIA Ethernet Card		
Components checked are used by this connection:		
Elient for Microsoft Networks Set Set Set Set Set Set Set Set Set		
Install Uninstall Properties		
Description		
Allows your computer to access resources on a Microsoft network.		
Sho <u>w</u> icon in taskbar when connected		
OK Cancel		

- 5. Your active Local Area Connection Properties should have the following components installed:
 - a. Client for Microsoft Networks
 - b. NetBEUI Protocol
- 6. Click OK to close Local Area Connection Properties box.

Installing TE-310 with First Parallel Port

- 1. Make sure TE-310 is connected to a hub and LINK LED is on. LINK LED blinks once in a while. This is normal.
- 2. Connect a parallel cable from PARALLEL 1 to your printer.
- 3. Make sure your printer is power on.
- 4. Insert the floppy disk labeled "WIN 95/WIN NT Support, Disk 3 of 3" into your floppy drive (drive A).
- 5. Click on Start button on the Task Bar.

			2 🖉 🔽
My Compute			
My Networl Places			
My Documen			
-	Windows Update		
B	New Office Document		
	Open Office Document		
<u>1</u>	Programs	•	
- <mark>8</mark> 🖄	Documents	• .	
- 🖏 🐉	Settings	•	
<mark>6</mark> 🕄	Search	•	
🎖 🥏	Help		
§ 📰	Run		
1	Shut Down		
Start) 🗹 🍪 🖏 💆 TE	310_QIG_NETBEUI - Mi	🏷 📢 🕮 🛛 5:35 PM

6. Select Run...



7. Type "A:\SETUP", without the double quotes.



8. Click OK. PrintServer Driver Setup begins.

PrintServer Driver	r Setup
Print Server Driver Set	Welcome to the PrintServer Driver Setup program. This program will install PrintServer Driver on your computer. It is storagh recommended that you exit all Windows programs before running this Setup program. Click Cancel to guit Setup and then close any program you have running. Click Next to continue with the Setup program. WARNING: This program is protected by copyright law and international threaties. Unauthorized reproduction or distibution of this program, or any
	will be proceeded to the maximum extent possible under Bw:

9. Click Next.

Choose Destination Lo	cation
	Setup will install PrintServer Driver in the following directory.
100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	To install to this directory, click Next.
	To install to a different directory, click Browse and select another directory.
	You can choose not to install PiniServer Driver, by clicking Cancel to exit Setup.
	C:\Program Files\PRTSERV Browse
	< Back Next > Cancel

10. Click Next to accept its destination directory path.

Select Components	×
	Select the protocol which printing redirector will use. Click Next to continue with the installation.
	RetBEUI protocol
	C TCP/IP protocol
805	
	<back next=""> Cancel</back>

11. Make sure NetBEUI protocol is selected and click Next.

Select Program Folder	×
	Setup will add program icons to the Program Folder listed below. You may type an ew folder name, or select one from the Existing Folders: Program Folder: Existing Folders: Accessroises Administrative Tools MGI PhotoSuite SE Microsoft Üffee Tools Startup
	<back next=""> Cancel</back>

12. Click Next to accept default Program Folder.

PrintServer Driver Setup			
	Setup Creating Folder and Icons 95 2 Cancel		

13. When installation reaches 95%, use ALT-TAB to switch to the Configure PrintServer dialog box.

		🏪 🗐 🖓 🖂 🛄 🗹	
Dubus Chamian Dubu	Chaterry		
Configure PrintServer	×		
Port	Retry Interval		
Device Name: Browse	50 🛨		
Select Device Port >> Parallel 1	(secs)		
Port Name:	Driver Version: NetBEUI 1.12		
Banner	-		
Enable Banner PostScript	ок		
User Name:	2000		
	95 %		
	55 %		
	Lancel		
😹 Start 🛛 🏹 🍪 🗐 TE310_QIG_NETBEUI	- Mi Setup	Configure PrintServer	🏷 🄃 🕮 5:44 PM

- D.J. & Cl. n × Retry Interval Port 50 ÷ × Brow Device Select vse íse Device on LAN: SCB72332 OK. Driver Version: NetBEUI 1.12 Cancel ОК Enable Banner Post5 User Name: Cancel 95 % Cancel 🐊 Start 🛛 🖉 🍘 🏹 📓 TE310_QIG_NETBEUI - M... Setup 🛛 Configure Print Server 🛛 🏂 🔆 🕮 5:46 PM
- 14. Click Browse and wait few moments until setup program finds the TE-310 on your network.

15. Make sure the target TE-310 is selected and click OK.

Configure PrintServer
Configure PrintServer X Port Perice Name: Scienct Device Port>2 Parallel 1 Scienct Device Port>2 Parallel 1
Port Device Name: SCB72332 Browse Select Device Port>2 Paralel 1 Drive: Version: Drive: Versio
Select Device Part>2 [Paralel 1] [50] [(secs)] [(secs)]
Select Device Port>2 [Paralel] [interview]
Dot Name CC072222 D1 Drive Vergins
NetBEUI 1.12
Barner
Enable Banner PostScript OK
User Name:
95 %

- 16. Click OK to finish installation. We are now ready to install device driver for the printer connected to PARALLEL 1 on TE-310.
- 17. Click Start on the Task Bar.



18. Select Settings.

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My Comput	er		
My Netwo			
Places			
<u></u>			
My Docume			
	Windows Update		
	New Office Document		
	Open Office Document		
폍 💼	Programs	•	
- 5 🖄	Documents		
🦉 🌇	Settings	Control Panel	
<u>ê</u>	Search	Network and Dial-up Connections Printers	
🖁 🥏	Help	Taskbar & Start Menu	
ê 📰	Run		
1	Shut Down		
Start	🛛 🙆 🍪 🗍 🛃 TE3	10_QIG_NETBEUI - Mi	🏷 🕀 🕮 5:53 PM

19. Select Printers.



20. Double-click on Add Printer.

Add Printer Wizard	
	Welcome to the Add Printer Wizard This wizard helps you install a printer or make printer connections. To continue, click Next.
	< Back Cancel

21. Click Next.

ld Printer Wizard	
Local or Network Printer Is the printer attached to your computer?	
If the printer is directly attached to your con another computer, or directly to the network Local printer Local printer Local printer Network printer	nputer, click Local printer, If it is attached to <, click Network printer, Plug and Play printer
	< <u>B</u> ack <u>N</u> ext > Cancel

22. Make sure Local printer is selected. Automatically detect and install my Plug and Play printer should be unchecked. Click Next.

Se	elect the port you w	vant your printer to use. If I	he port is not li	isted, you can o	create a
ne	w port.	. north			
	Port	Description	Printer		
	COM4: FILE:	Serial Port Print to File	1 million		
	SCB72332_P1 PS-614CF2-P1	PrintServer Port Standard TCP/IP Port			
	Note: Most comp	outers use the LPT1: port to	o communicate	with a local pri	nter.
0	<u>C</u> reate a new por	rt:			

23. Make sure Use the following port is selected. Choose SCB72332_P1 with PrintServer Port under description. Click Next.

Add Printer Wizard
Add Printer Wizard The manufacturer and model determine which printer to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Manufacturers: Printers: Oki Panasonic KX-P2023 Okidata Panasonic KX-P2123 Olivetti Panasonic KX-P2180 Panasonic KX-P2180 Panasonic KX-P2180 OMS Panasonic KX-P3123 Outer Panasonic KX-P3123 Puter Panasonic KX-P3123
<back next=""> Cancel</back>

24. Choose appropriate printer manufacturer and its model. Click Next.

Add Printer Wizard
Name Your Printer You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters. Printer name: Penasonic IOXP2023
Do you want your Windows-based programs to use this printer as the default printer?
☞ Yes
C No
< <u>B</u> ack <u>N</u> ext > Cancel

25. Choose the options according to your requirement and click Next.

dd Printer Wizard			
Printer Sharing You can share this printer with other networ	k users.		
Indicate whether you want this printer to be printer, you must provide a share name.	available to othe	er users. If you sha	are this
Do not share this printer			
C Share as:			
,			
	< <u>B</u> ack	<u>N</u> ext>	Cancel

26. Make sure Do not share this printer is selected and click next.

Add Printer Wizard			
Print Test Page To confirm that the printer is installed properly, yo	u can print a	i test page.	Ì
Do you want to print a test page?			
C Yes			
© N <u>o</u>			
	: <u>B</u> ack	<u>N</u> ext >	Cancel

27. Select yes to print a test page and click next.

Add Printer Wizard		
	Comple Wizaro	eting the Add Printer I
	You have su	accessfully completed the Add Printer wizard.
	You specifie	d the following printer settings:
	Name: Shared as: Port: Model: Default: Test page:	Panasonic KX-P2023 <not shared=""> SCB72332_P1 Panasonic KX-P2023 Yes Yes</not>
	To close thi	s wizard, click Finish.
		< <u>B</u> ack Finish Cancel

28. Click Finish. Windows 2000 Professional starts installing device drivers for your printer. Your printer should start printing a test page momentarily.

Panasonic KX-P2023 on LAB8		
A test page is now being sent to the printer. Depending on the speed of your printer, it may take a minute or two before the page is printed.		
The test page briefly demonstrates the printer's ability to print graphics and text, and it provides technical information about the printer driver.		
If the test page printed, click OK. If the test page did not print, click Troubleshoot.		
<u> </u>	[roubleshoot	

29. Click OK to finish installation. Congratulations, you've successfully setup the printer connected to PARALLEL 1 on TE-310.

Installing TE-310 with Second Parallel Port

Below is a step-by-step procedure for setting up a printer connected to PARALLEL 2 using NetBEUI protocol in Windows 2000 Professional. Make sure your printer is power on and connected to PARALLEL 2 on TE-310.

1. Click on Start on the Task Bar.



2. Select Settings.



3. Select Printers.



4. Double-click on Add Printer.

Add Printer Wizard	
	Welcome to the Add Printer Wizard This wizard helps you install a printer or make printer connections. To continue, click Next.
	< Back Cancel

5. Click Next.



6. Select Local printer and make sure Automatically detect and install my Plug and Play printer is unchecked. Click Next.

Add Printer Wizard Select the Printer Computers comm	Port nunicate with printers throug	jh ports.	Ŷ
Select the port yo new port.	ou want your printer to use. wing port:	If the port is not listed, you a	can create a
Port	Description	Printer	_
LPT1:	Printer Port		
LPT2:	Printer Port		
LPT3:	Printer Port Serial Port		
COM2:	Serial Port		_
LUW3	Serial Port		<u>•</u>
Note: Most c	omputers use the LPT1: po	rt to communicate with a loc	al printer.
Create a new	/ port:		
Type:	PrintServer		-
	J		
		< Back Next >	Cancel

7. Make sure Create a new port is selected. Choose PrintServer under Type. Click Next.

Configure PrintServer	×
Port	Retry Interval
Device Name: Bro	wse 50 🗦
Select Device Port >> Parallel 1	(secs)
Port <u>N</u> ame:	Driver Version: NetBEUI 1.12
Banner	
🗖 Enable Banner 🗖 PostScript	ОК
User Name:	Cancel

8. Click Browse and wait while all TE-310 is being discovered.



9. Select the target device and click OK.



10. Click Select Device Port.



11. Choose Parallel 2 and click OK.



12. Port Name must be modified to reflect the changes. In this case, correct port name for PARALLEL 2 is SCB72332_P2.



13. Modify Port Name to SCB72332_P2 and click OK.

Add Printer Wizard	
Add Printer Wizard The manufacturer and model of	determine which printer to use.
Select the manufacturer and disk, click Have Disk. If you compatible printer.	nd model of your printer. If your printer came with an installation ur printer is not listed, consult your printer documentation for a
Manufacturers:	Printers:
NEC Oce Oki Okidata Olivetti Panasonic	Panasonic KX-P1170 Panasonic KX-P1180 Panasonic KX-P1524 Panasonic KX-P1554 Panasonic KX-P1555 Panasonic KX-P1035 Panasonic KX-P1033 Panasonic KX-P1032
	Have Disk
	< <u>B</u> ack <u>N</u> ext > Cancel

14. Choose your printer's manufacturer and model number. Click Next.

Add Printer Wizard
Name Your Printer You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
Panasonic KX-P2023 (Copy 2)
Do you want your Windows-based programs to use this printer as the default printer?
C Yes
⊙ No
Cancel

15. Modify information on this wizard page according to your requirement. Click Next.

dd Printer Wizard				
Printer Sharing You can share this p	rinter with other netwo	rk users.		
Indicate whether you printer, you must pro	a want this printer to be vide a share name.	available to othe	r users. If you sha	re this
Do not share this	printer			
C Share as:				_
,				
		4 Pook	Mouta	Canaal
		N Dack	TARY()	Cancer

16. Make sure Do not share this printer selected. Click Next.



17. Make sure Yes is selected and click Next.

Add Printer Wizard		
	Comple Wizaro	eting the Add Printer I
	You have su	accessfully completed the Add Printer wizard.
	You specifie	d the following printer settings:
	Name: Shared as: Port: Model: Default: Test page:	Panasonic KX-P2023 (Copy 2) <not shared=""> SCB72332_P2 Panasonic KX-P2023 No Yes</not>
	To close thi	s wizard, click Finish.
		< <u>B</u> ack Finish Cancel

18. Test page should start printing momentarily. Click Finish to complete installation. Congratulations, you've successfully setup your printer connected to PARALLEL 2 on TE-310.

- 19. For additional Windows 2000 Professional systems, please perform the following steps:
 - a. Make sure NetBEUI protocol is installed. No other protocols are required.
 b. Install and run "WIN 95/WIN NT Support, Disk 3 of 3"
 c. Make sure NetBEUI protocol is selected during installation.

Select Components Image: Component Select the protocol which printing redirector will use. Cick. Next to continue with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation. Image: Cick Next Select the protocol with the installation.	Driver Setup	PrintServe
	imponents Imponents Select the protocol which printing redirector will use. Elick Next to continue with the installation. Elick Next to continue with the installation. Imponents Imponents Imponents Imponents Imponents Imponents	56
< Back Next > Cancel	< Back Next > Cancel	

d. Continue installation from step 12 described above and the section under "Installing TE-310 with Second Parallel Port".

MORE INFORMATION

This article describes specific information about configuring the TE-310 print server. Please contact Microsoft regarding how to use Windows 2000 Professional system.

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