

Quick Installation Guide



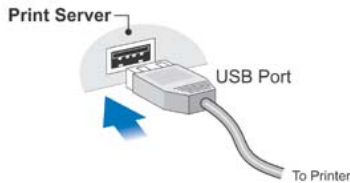
**11Mbps Wireless Print Server with 1 USB
& 1 Parallel Printer Ports**

TRENDnet[®]
TRENDware, USA

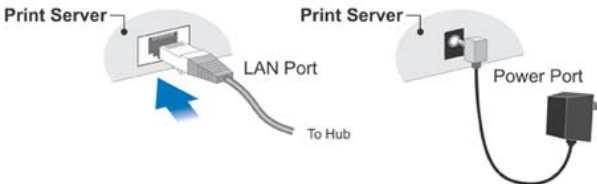
Physical Installation

Connecting Print Server to the Network:

1. Make sure the Print Server and Printer are powered OFF.
2. Connect the printer to the Print Server's printer port.



3. **For Wired Network:** Use a standard RJ-45 LAN cable to connect the LAN port on the Print Server to a 10/100Base-TX network.



Note: When powering on the print server, if the LAN port is not connected to a functioning network device, the LAN port is disabled. To enable the LAN port, please power off the print server, connect LAN port to a working network device and then power on the print server.

4. **For Wireless Network:**

Note: For Wireless Only environment, do not connect RJ-45 LAN cable to the Print Server's LAN port.

- **Ad-Hoc Mode (Peer-to-Peer):** Please match the SSID/Channel with your other wireless devices
- **Infrastructure Mode:** Please match the SSID/Channel with the Access Point

5. Connect the supplied Power Adapter, power up both the Printer and Print Server and check the Error LED on the Print Server. It should flash, then goes off.
 - It will blink if the USB Printer is not connected, or is Off.
 - It will remain On if there is a hardware problem.



This Quick Installation Guide contains brief instructions for the following:

- **Print Server Installation & Setup**
- **Windows 95/98/Me/NT/2000/XP client setup**
- **Macintosh (AppleTalk) client setup**

For Unix or Netware environments, please refer to additional User Manuals in the Manual folder on the CD-ROM.

Default Wireless Settings on the Print Server:

- **Wireless Mode : 802.11b Ad-hoc**
- **SSID : ANY**
- **Channel : 11**

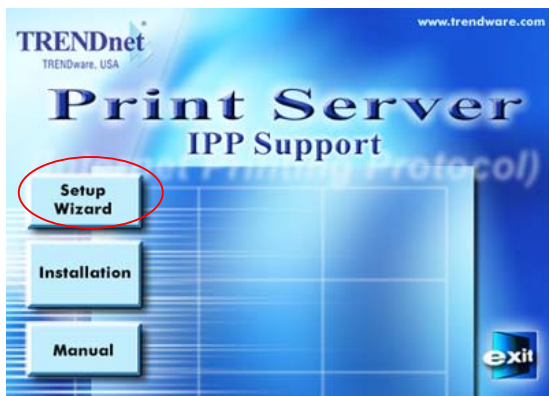
Configuring Print Server

Non-Windows Systems

The "Manual" folder on the CD-ROM contains manuals for Unix and Netware.

Windows Systems

1. Insert the supplied CD-ROM into your drive. If the setup program does not start automatically, run *Autorun.exe* in the root folder.
2. On the first screen, shown below, click *Setup Wizard*.



3. Click *Next* on the first screen, to view a list of Print Servers on your LAN.
4. Select your new Print Server, then click *Next* to continue.
5. Enter the required data on the **Print Server** screen.
 - Name can be changed if you wish.
 - Comment is optional.

- Select or enter the Workgroup name for this Print Server.
 - You can enter a name (eg. Printer Model) for each Printer.
6. Click *Next* to configure the **TCP/IP** screen.
 - Select *Obtain IP Address automatically* if your LAN has a DHCP Server
 - Select *Fixed IP Address(recommended)*, enter an unused address from the range used on your LAN, or click the *Suggest New Values* Button. Use the same *Network Mask* and *Gateway* as PCs on your LAN.
 7. On the **Wireless Screen**, the settings should be set to match your other Wireless Stations. For details, refer to *Wireless Settings* below.
 8. Click *Next* to continue to the final screen.
 9. Click *Finish* to save the data to the Print Server.
 10. Print Server configuration is now complete.

Wireless Settings

| | |
|---------------------|--|
| Mode | Set to <i>Infrastructure</i> mode if using with an Access Point, otherwise use <i>Ad-hoc</i> . |
| SSID | Must to set to match your Access Point or other Wireless Stations. |
| Channel | For <i>Ad Hoc</i> mode, use the same Channel as other Wireless stations. For <i>Infrastructure</i> mode, the correct Channel is selected automatically. |
| WEP Settings | Must be set to match your Access Point or other Wireless stations. |

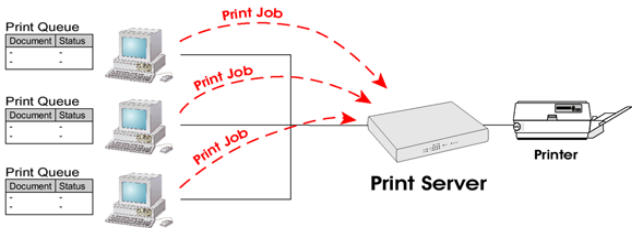
PC Setup

Windows PTP (Peer-to-Peer) Printing

With this system, each PC prints directly to the Print Server. Windows 2000 & XP require no additional software.

For other versions of Windows, the supplied PTP (Peer-to-Peer) Printer Port software must be installed on each PC.

PTP (Peer-to-Peer) Printing




Windows 2000/XP Setup

The recommended printing method is to use LPR, as follows:

1. Open your *Printers* folder, click on *Add a Printer* and click Next to start adding a printer to your PC
2. Select *Local printer* option as shown in the figure below and click Next

Add Printer Wizard

Local or Network Printer
The wizard needs to know which type of printer to set up.




Select the option that describes the printer you want to use:

Local printer attached to this computer

Automatically detect and install my Plug and Play printer

A network printer, or a printer attached to another computer


 To set up a network printer that is not attached to a print server, use the "Local printer" option.

< Back Next > Cancel

3. Choose *Create a new port* and select *Standard TCP/IP Port*, then click Next.

Add Printer Wizard


Select a Printer Port
Computers communicate with printers through ports.



Select the port you want your printer to use. If the port is not listed, you can create a new port.

Use the following port: LPT1: (Recommended Printer Port)

Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:



Create a new port:
Type of port: Standard TCP/IP Port

< Back Next > Cancel

4. Enter Print Server's *IP Address* here.

Add Standard TCP/IP Printer Port Wizard

Add Port
For which device do you want to add a port?

Enter the Printer Name or IP address, and a port name for the desired device.

Printer Name or IP Address: 192.168.1.99 **IP Address**

Port Name: IP_192.168.1.99

< Back Next > Cancel

5. On this screen, select *Custom*, and click the *Settings* button.

Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required
The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type

Standard Generic Network Card

Custom **Custom** Settings...

< Back Next > Cancel

6. Choose *LPR* in the Protocol section, then enter *Queue name* (L1 for Parallel Port, L2 for USB Port) and ensure the *LPR Byte Counting Enabled* setting is **Enabled**.

Configure Standard TCP/IP Port Monitor

Port Settings

Port Name: IP_192.168.1.99

Printer Name or IP Address: 192.168.1.99

Protocol

Raw LPR

Raw Settings

Port Number: 9100

LPR Settings

Queue Name: L1

LPR Byte Counting Enabled

SNMP Status Enabled

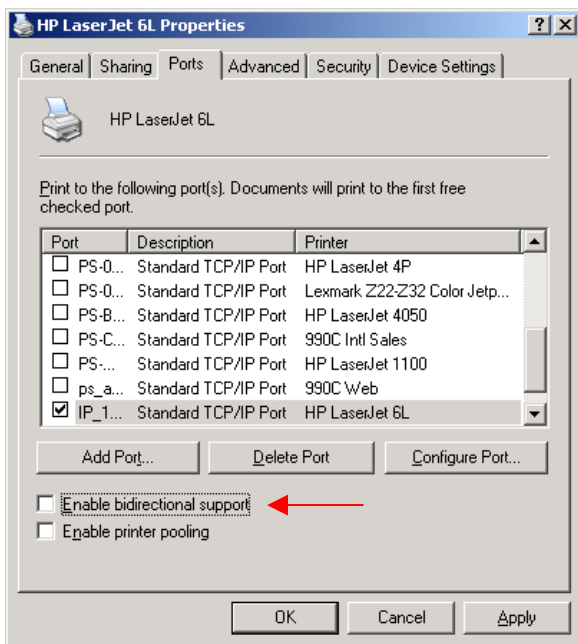
Community Name: public

SNMP Device Index: 1

OK Cancel

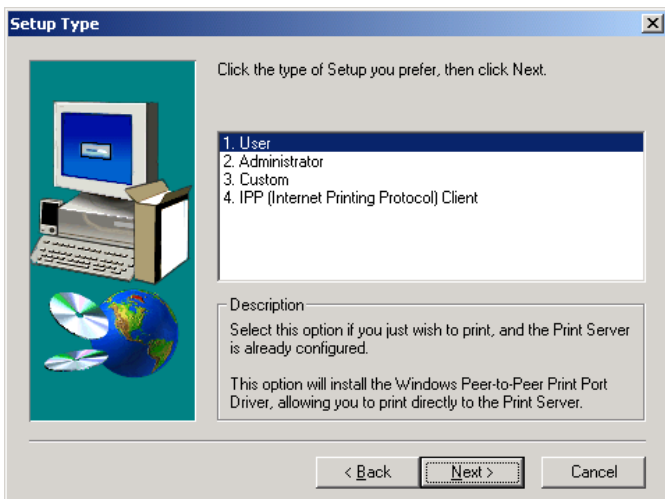
7. Follow the prompts to install printer driver and complete the Wizard.
8. Go back to *Printer* folder, click on the new created printer, right-click on the printer icon and select *Properties* option.

9. Go to *Ports* tab, disable *Bi-Directional Support* and click on OK to complete the installation



Windows 95/98/ME Setup

1. Insert the supplied CD-ROM into your drive. If the setup program does not start, run *Autorun.exe* in the root folder.
2. Click the *Installation* button, and select *1. User Install*.

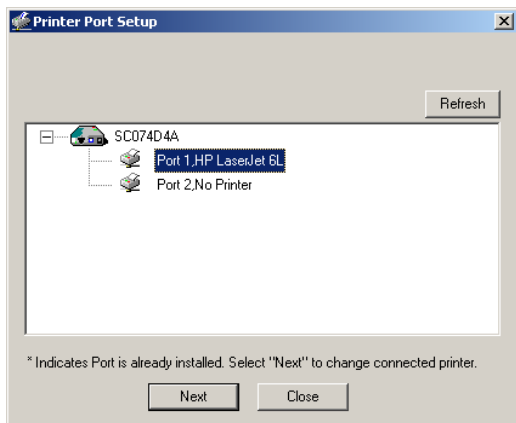


3. Follow the prompts to complete the installation of the Peer-to-peer (PTP) Printer Port Driver.
4. The Printer Port Driver Setup will then run.

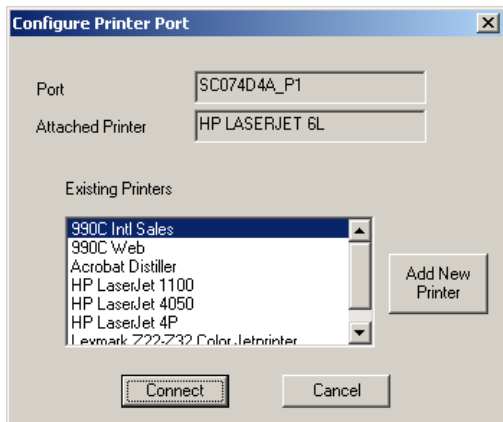
In future, you can use *Start-Programs-Print Server Utility-Printer Driver Setup* to run the program again.

PTP Printer Port Setup

1. The program will search for Print Servers on the network, and a screen like the following will be displayed.



2. Select the desired port on a Print Server, then click *Next*. (Port 1 : Parallel port, Port 2 : USB port)
3. The printer port will be created, then a screen like the following will be displayed.



4. Select the correct Windows printer in the *Existing Printers* list, and click the Connect button.

If the correct printer type is not listed:

1. Click *Add New Printer* to run the Windows *Add Printer* wizard.
2. Step through the Wizard and install the required printer on the default printer port.
3. After installation, the printer will be listed in the *Configure Printer Port* screen above. Select it and click *Connect*.

5. Installation is now complete.

Note:

If using the Epson Spooler Manager, this program must be disabled, as follows:

1. Run the Epson Spooler Manager
2. Select *Queue Setup* from the menu
3. Click *Use Print Manager for this port*
4. Click *OK* to exit

Macintosh (Apple Talk)

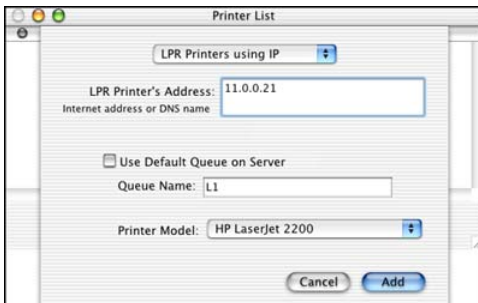
No Print Server configuration is required if using AppleTalk. Just configure your Mac as follows:

1. Click the *Apple* icon and then *Control Panel-AppleTalk*.
2. Ensure that *Ethernet* is selected under *AppleTalk Connection*.
3. Click *Chooser*. The Chooser panel will open.
4. Click on either the *LaserWriter 8* icon (recommended) or the *LaserWriter 7* icon.
5. Choose a PostScript printer from the list.
6. Click *Create* and it will search the PPD automatically.
7. Select a printer description from the list.
8. Click *Select*. Configuration is now complete

Macintosh OS X - LPR Printing

If using LPR printing, you need to ensure the Print Server has a valid IP address before configuring your Mac as follows.

1. Select the *Printer List* icon.
2. Click the *Add Printer* button.
3. Choose *LPR Printers Using IP*.



4. Enter the Printer's Address and the Queue Name (eg. L1, L2).
5. Select the Printer Model from the drop-down list.
6. Click *Add*. Configuration is now complete.