Zebra ZD420 Printer

Printer Indicator Lights

The printer comes with a series of indicators at the top of the printer. When you turn the power on, it will cycle through all the indicators and eventually show the status indicator in a solid green color. If any of the indicators are lit in red, it means there is an error in that part of the printer. Please refer to the printer manual to verify. To set up the printer, you will need to turn the printer on and off several times. It is important for you to wait for all the indicator lights to turn off, or for the status light to turn green, depending on whether you are turning the printer off or on. Be aware that the printer has a sleep mode. If you simply press the power button once, it will not turn the printer off. Instead, the printer will go into sleep mode. So be sure to press and hold the power button until the lights flash and turn off.

The following diagram illustrates some common indicator states.

Indicator States

◉ Steady-On   ☼ Flashing   ⬇ Fade   ◉ Off

Status - Typical Operating Conditions

Printer Ready

STATUS	PAUSE	DATA	SUPPLIES	NETWORK
◉	‖	⬇	⌀	⛓

The printer is powered on and ready to print.

Pause

STATUS	PAUSE	DATA	SUPPLIES	NETWORK
◉	‖	⬇	⌀	⛓

The printer is paused. The operator must press the Pause button to resume print operations.

Media Out

STATUS	PAUSE	DATA	SUPPLIES	NETWORK
◉	‖	⬇	⌀	⛓

The media (labels, receipts, tags, tickets, etc.) supply is out. The printer needs attention and cannot continue without user intervention.

Ribbon Out

STATUS	PAUSE	DATA	SUPPLIES	NETWORK
◉	‖	⬇	☼	⛓

Detected end of ribbon roll (reflective end on ribbon rolls), a missing ribbon cartridge, or the ribbon cartridge needs replaced to continue printing when the printer is in thermal transfer mode.

Ribbon Low (Ribbon Cartridge Printers Only)

STATUS	PAUSE	DATA	SUPPLIES	NETWORK
◉	‖	⬇	☼	⛓

Default value is 10% of ribbon remaining. The Media indicator flashes red and yellow while the Status indicator is solid yellow.

Important: Make sure no network cables or USB cables are connected to the printer before beginning setup.

Reset Printer

Resetting the printer consists of two steps: reset the printer configuration and reset the network configuration. First, to reset the printer configuration, ensure that the printer is turned off. Then, with the printer off, press and hold the Pause and Feed buttons.

While holding these buttons down, turn on the printer. Continue holding the Pause and Feed buttons until the Status indicator is the only light lit. Release the two buttons and wait for the Status indicator to turn green. Some labels may be fed through the printer when this process is complete.
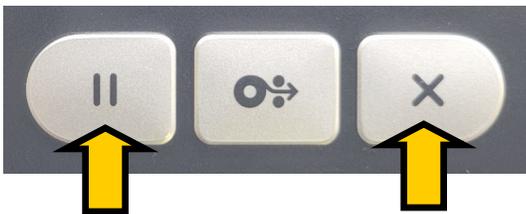
Once the printer configuration has been reset, you can reset the network configuration. To reset the network configuration, first ensure that the printer is turned off. With the printer off, press and hold the Pause and Cancel buttons.

While holding these buttons down, turn on the printer. Continue holding the Pause and Cancel buttons until the Status indicator is the only light lit. Release the two buttons and wait for the Status indicator to turn green.

Download Zebra Setup Utilities

In order to configure your Zebra printer, you will need to have the Zebra Setup Utilities installed on your computer. In order to get these utilities, open your web browser and navigate to the following URL: https://www.profundaccounting.com/barcode and under the Get Printer Utility heading, click Get Software.
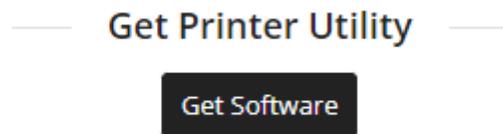
This will take you to Zebra's Printer Support page. Click on Drivers to expand the drivers menu.

Find the Zebra Printer Setup Utilities in the list and click Download.

PRINTER CONFIGURATION UTILITY

Zebra Printer Setup Utilities

⬇ Download 12 MB

Version 1.1.9.1297

Use this software to configure your printer after Printer Driver installation.

OPERATING SYSTEM versions: Windows 10/11, Windows Server 2016/2019/2022 (see Release Notes for details)

ACCEPT AND BEGIN DOWNLOAD NOW

This will take you to the license agreement page. Read the license agreement and click the Accept and Begin Download Now button. Once the utilities have downloaded, run the program and follow the directions that appear on the screen.

Connecting Printer to PC

The first time you run the Zebra Setup Utility, it will show a printer configuration screen. Select the USB connection option and click Next.

System Prepare Wizard

Printer Driver
What port is your printer connected to?

Please specify what computer port your printer is connected to.

◉ USB (Universal Serial Bus)

○ Other computer ports (Parallel Port, Serial Port, TCP-IP Port, ...)

Help   Cancel   < Back   Next >   Finish

System Prepare Wizard

Install Printer Driver
Installing the printer driver to your system.

Please connect the printer to USB port and power the printer on. System will install the printer driver automatically. When completed, click on "Finish" to complete the wizard.

If the printer was plugged in before application started, click on "Manual Install" to launch the printer installation wizard and manually install the printer driver.

Manual Install

Help   Cancel   < Back   Next >   Finish

Ensure that the printer is turned off. Connect the USB cable to both the printer and PC and turn the printer on. Once the Status indicator light on the printer turns green, click Finish.

You should now be on the main setup page. Your printer should be listed at the top of the screen.
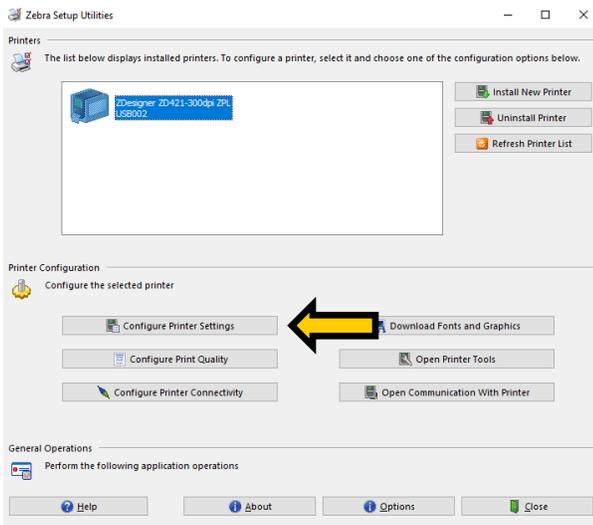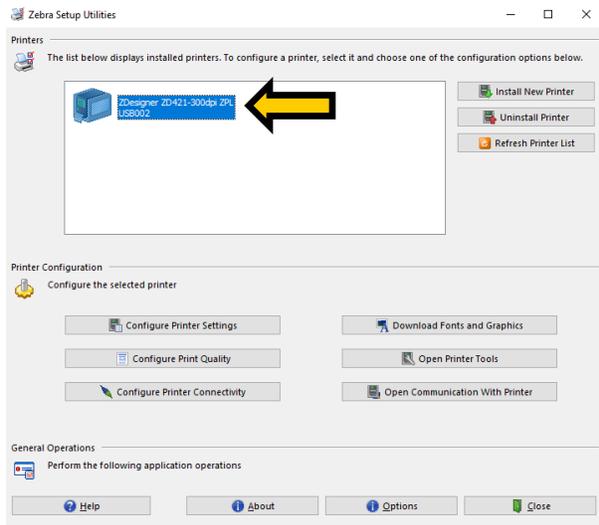
Set Label Width

After performing a printer configuration reset, you will need to reset the printer label width. With the printer connected to the PC and turned on, open the Zebra Setup Utilities and click on Configure Printer Settings.

Set the width and height of your labels. For the labels we include with the printer, set the width to 3 inches and the height to 1 inch. Click Finish.
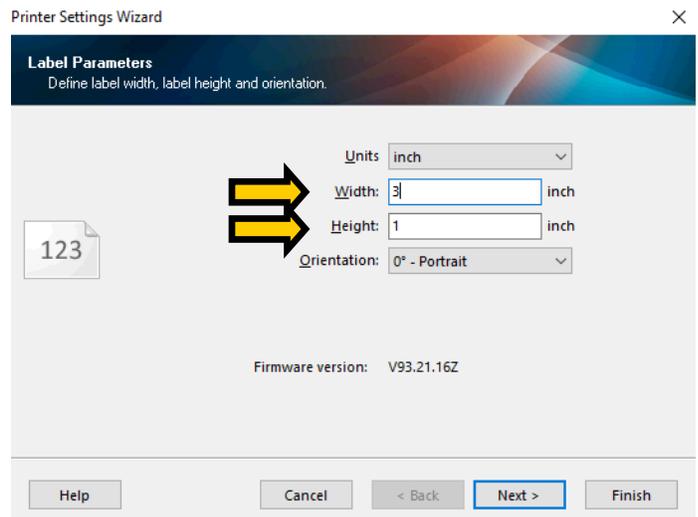
Configuring Print Quality

With the printer connected to the PC and turned on, open the Zebra Setup Utilities and click on Configure Print Quality.
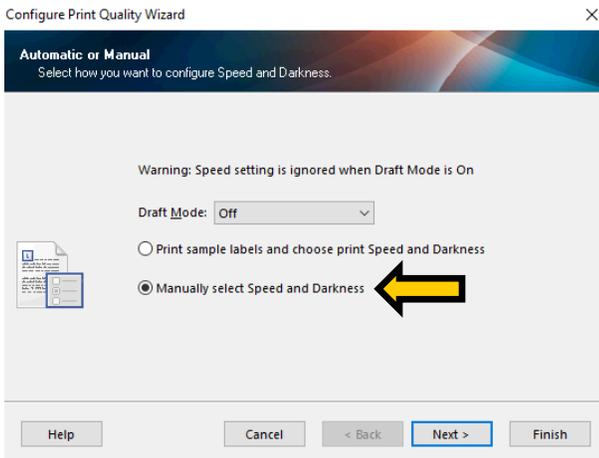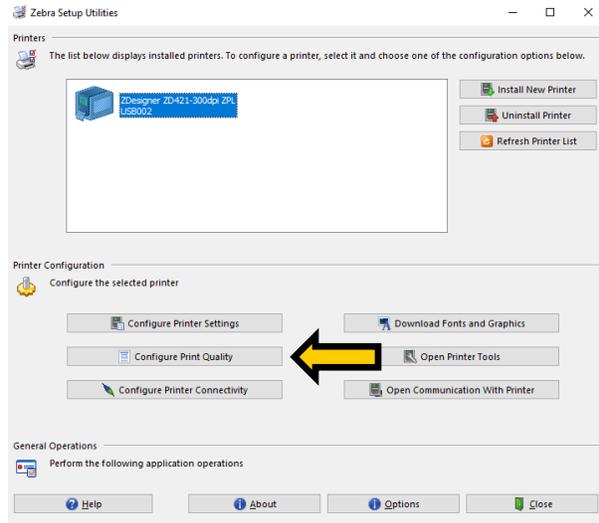
You can choose to either print sample labels and choose the label that looks best, or you can set the print quality manually. Select the manual option and click Next.

Set the speed and darkness values for your printer. These values will vary slightly from printer to printer. To start, we recommend setting the speed value to 2.0 and the darkness value to 15. Click the Print Sample Label button to test your current settings. Once you are happy with the quality of your labels, click Finish.
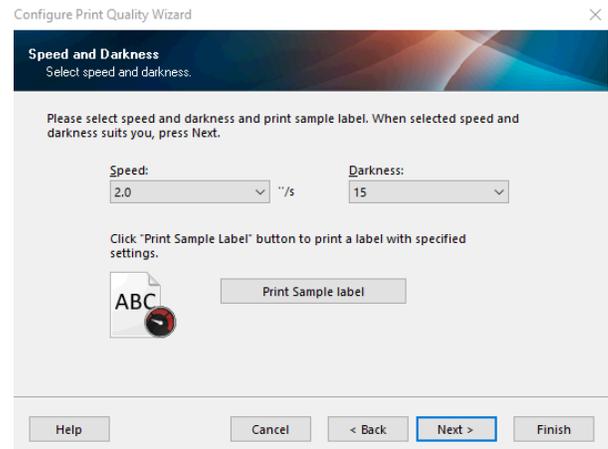
Configure Printer Connectivity

In order to configure your printer to work over a network, first connect an ethernet cable to the printer and your router. From the Zebra Setup Utilities main screen, click on Configure Printer Connectivity.
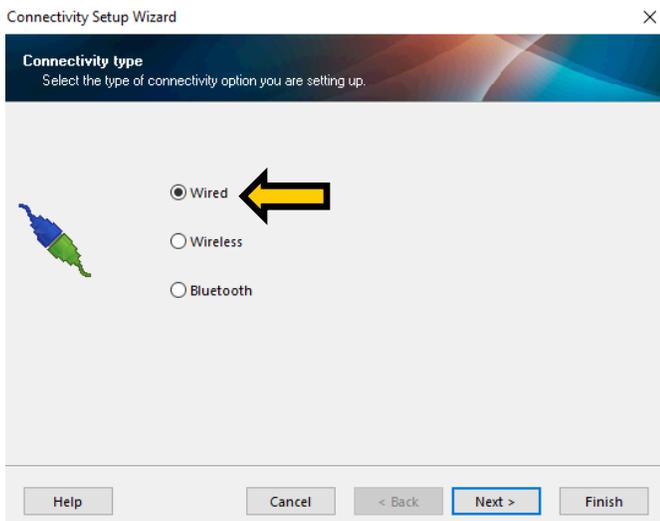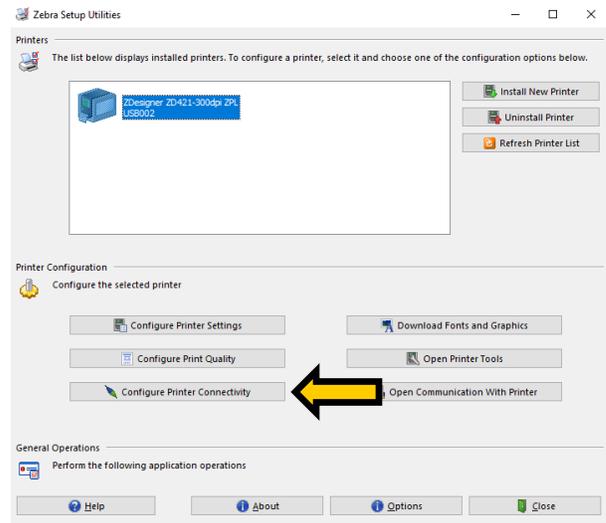
You will have a choice of what kind of connection you would like to setup. Select Wired and click Next.

Select Internal Print Server and click Next.

IP address
Select how you want the Print Server to obtain an IP address.

○ DHCP
○ Static

Hostname: [   ]

Help   Cancel   < Back   Next >   Finish
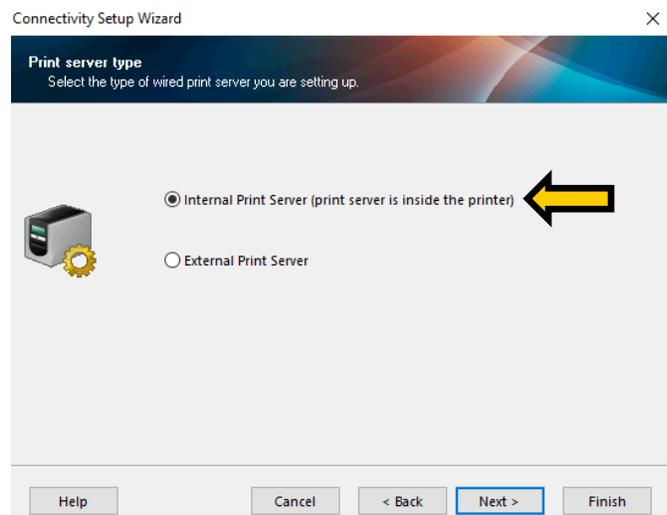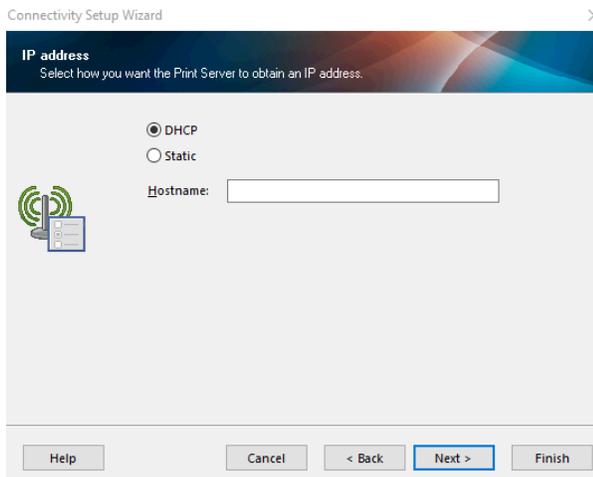
Select DHCP or Static IP. If you are uncertain which to choose, begin with DHCP. Click Next.
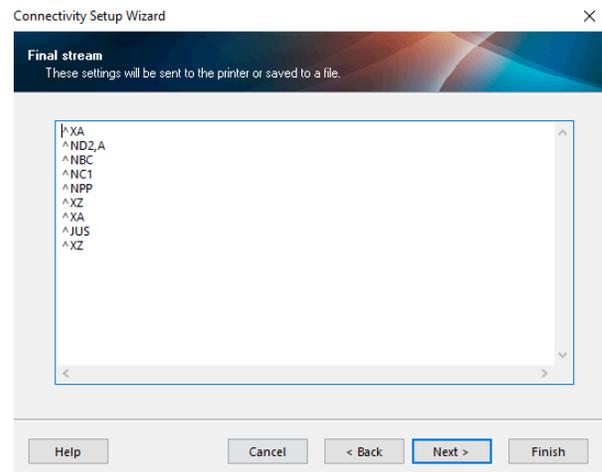
You should now see a screen similar to the following. Click Next.

Final stream
These settings will be sent to the printer or saved to a file.

```
^XA
^ND2,A
^NBC
^NC1
^NPP
^XZ
^XA
^JUS
^XZ
```

Help   Cancel   < Back   Next >   Finish

Send data
Send connectivity configuration commands to printer or save it to a file.

○ Printer ⬅
○ File

File name: [   ]

Help   Cancel   < Back   Next >   Finish
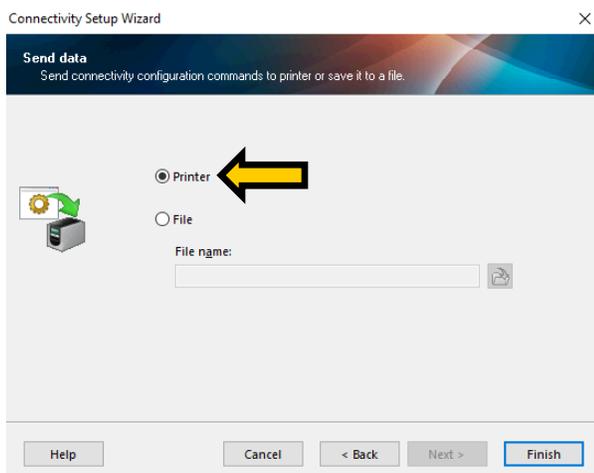
Finally it will ask if you want to send the information to the printer or save it to a file. Select Printer and click Finish.

Give the device a few seconds to receive the network information. Now, press and hold the Feed and Cancel buttons on the printer to print the configuration settings.


```
192.168.001.200.... IP ADDRESS
255.255.255.000.... SUBNET
192.168.001.001.... GATEWAY
000.000.000.000.... WINS SERVER IP
YES................ TIMEOUT CHECKING
300................ TIMEOUT VALUE
000................ ARP INTERVAL
9100............... BASE RAW PORT
9200............... JSON CONFIG PORT

Bluetooth
1.4.1.0............ FIRMWARE
```

In the Network Configuration section of your printout, you should see a Wired Connection subsection. In this subsection you should see an IP Address field. Take note of this as you will need it in order to connect your printer with Pro Fund Accounting.