How to connect a kitchen printer to Square POS

If you want to know how to connect a kitchen printer to Square POS, start with the physical setup: connect the Ethernet printer to your network, load the consumables, and power it on. Then pair the printer with your POS device, test it, name it, and assign a printer profile. This guide walks you through each step.

Prerequisites

Before you begin, make sure you have the following:

- An Ethernet printer.
- Access to your kitchen's network infrastructure, either a network receptacle in the kitchen or your Wi-Fi router.
- A POS device and the printer on the same local network.
- A printer profile (for example, "Hot Food") already created in the Square Dashboard.

Do not use a guest network or a neighbor's Wi-Fi. All devices must be on the same local network to communicate.

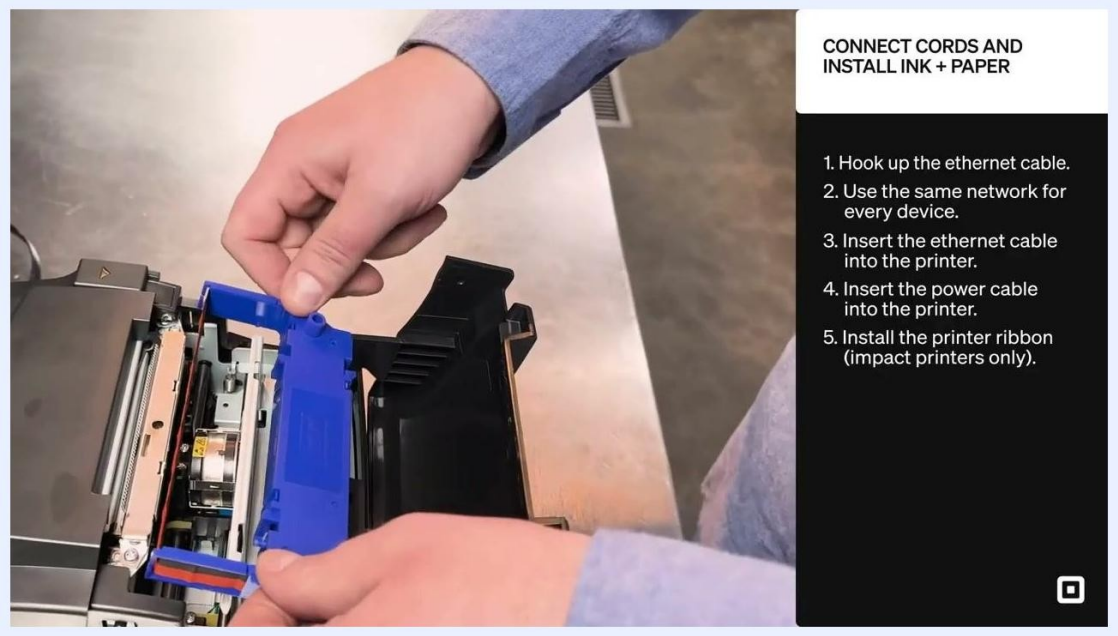
Step 1: Prepare your network and printer location

1. Decide whether you will connect the printer to a network receptacle in the kitchen or directly to your Wi-Fi router.
2. Confirm that the printer, the POS, and every other device are connected to the same network.

Step 2: Connect the printer cables

1. Place the printer on a stable surface near your network connection and a power outlet.
2. Insert the Ethernet cable into the Ethernet port on the printer.
3. Insert the power cable into the printer. If the cable is hard to seat, wiggle it gently into place.

4. Route the cords through the groove on the side of the printer so it sits evenly when you set it down flat.



Connecting the power and Ethernet cables to the printer

Step 3: Install the printer ribbon (impact printers only)

If your printer is an impact printer, install the ink ribbon first.

1. Open the front hatch of the printer to access the ink compartment.
2. Make sure the ink adjuster knob is at the top right.
3. Set the ink ribbon into the metal tray. The ribbon must go over the front of the black plastic pneumatic piston.

4. Close the hatch securely.

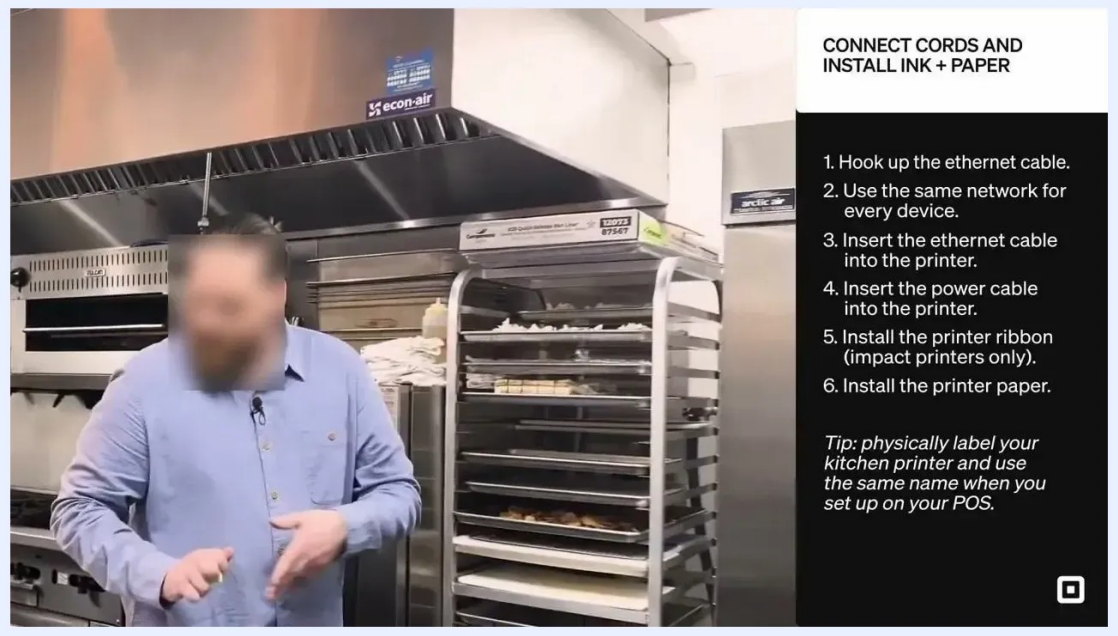


Installing the ink ribbon in an impact printer

Step 4: Install the printer paper

1. Open the paper hatch.
2. Place the paper roll directly into the body of the printer. You don't need to thread it.

3. Close the paper hatch on top.



Placing the paper roll in the printer

Step 5: Power on the printer

Press the power button to turn on the printer. Wait a few moments while it powers up and initializes on the network.

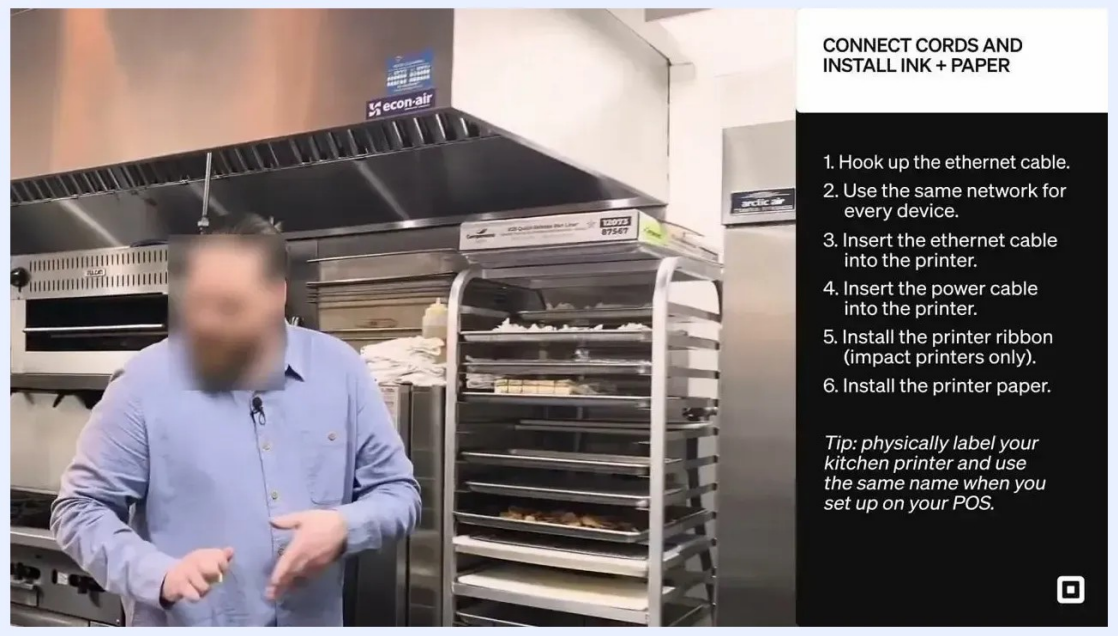
Tip: Physically label your kitchen printer, and use the same name when you set it up in your POS system.

Step 6: Connect the kitchen printer to Square POS

Now that the printer is on your network, you can select it on your POS device.

1. On your POS device, tap **More** in the bottom right.
2. Select **Settings**.
3. In the left menu, select **Hardware**.
4. Scroll down and tap **Printers**.

5. Select your printer from the list of network-connected printers.

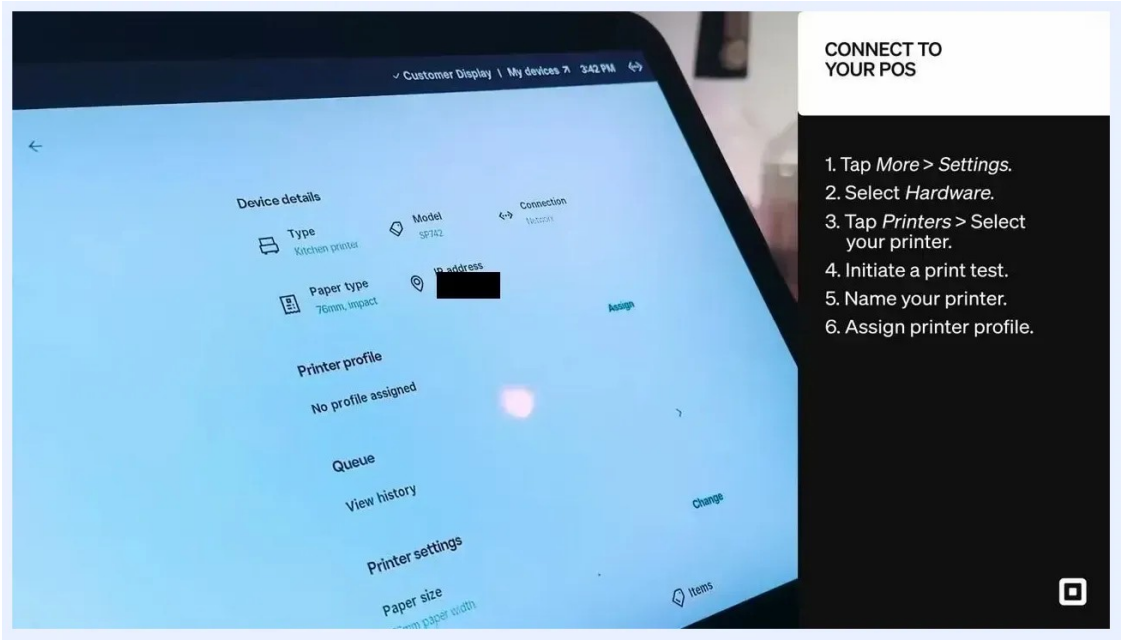


POS device screen showing the path from More and Settings to Hardware and Printers

Step 7: Print a test page

1. On your POS device, open the settings screen for your selected printer.
2. Tap **Print Test** to send a test print to the kitchen printer.

3. Listen for the printer in the kitchen to confirm that you selected the correct device.

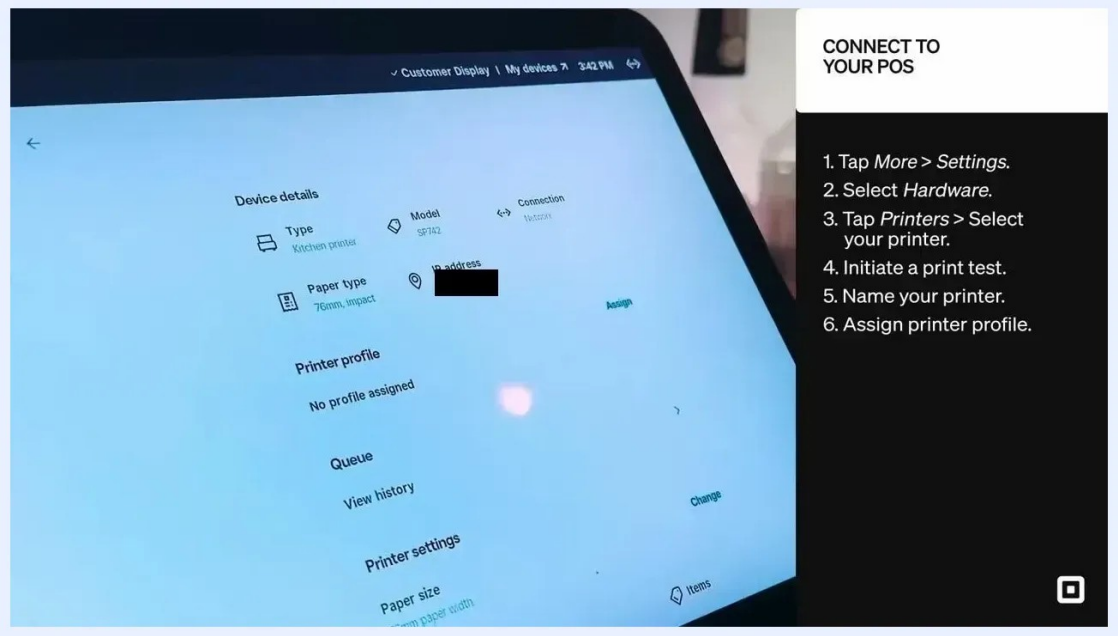


Printer settings screen with the Print Test button for the selected Star SP742 printer

Step 8: Rename the printer

1. Tap **Rename** at the top of the printer settings screen.
2. Enter a descriptive name that matches the printer's location or function, for example "Hot Food".

3. Tap **Save** to apply the new name.

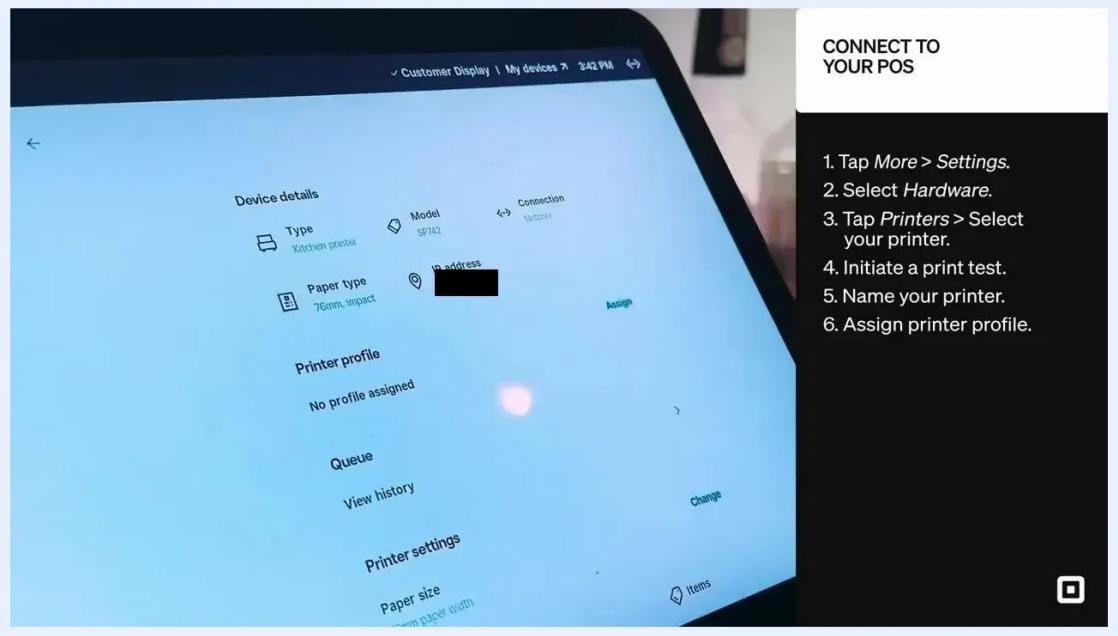


Printer settings screen showing the printer renamed to Hot Food

Step 9: Assign a printer profile

1. On the printer settings screen, find the **Printer profile** section.
2. Tap **Assign** to the right of Printer profile.
3. Select the appropriate profile from the list, for example the "Hot Food" profile you created in the Square Dashboard.

4. Tap **Save** to confirm the assignment.



Printer settings screen with the Assign option for the printer profile

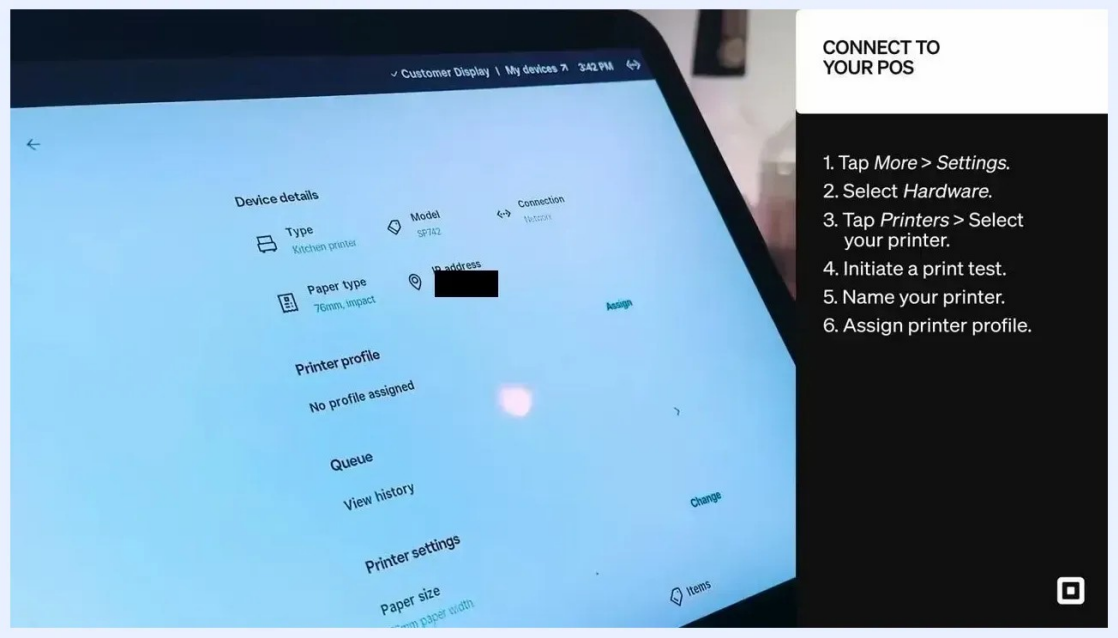
Check that the printer profile now shows the correct assignment. Also verify that all settings are correct and the printer is ready to receive orders from your POS system.

Summary

Your Ethernet kitchen printer is now connected to your network, named for easy identification, and assigned the correct profile for your kitchen workflow. You can send orders directly from your POS to the kitchen printer.

What's next

If you need more help, visit square.com/help and search for the keywords **kitchen printer**.



Support information showing square.com/help with the keywords kitchen printer