



Installation Guide

TOAST HARDWARE



Welcome to the Toast family.

We're so excited you're here! Toast Hardware was developed to withstand the most demanding restaurant conditions - spills, grease, and heat - so your restaurant is always running at full speed. With a restaurant-grade structure, best-in-class processing speeds, intuitive layout and sleek design, Toast Hardware makes it easier for you to run your restaurant, delight guests and generate revenue.

Use this booklet to install your new Toast Hardware. We designed setup to be completed within 30 minutes with intuitive, simple packaging, color-coded wiring and easy-to-follow instructions. Have questions along the way? Contact Toast Customer Care.

Before Getting Started

- ✓ Clean your counter, make sure your counter space is cleared and wiped down.
- ✓ Unplug your current POS hardware and remove it from the counter so your counter space is completely clear.
- ✓ Wipe down the countertop with the alcohol wipe provided in your box.

Starting with a fresh surface makes it easier to install!

Choose Your Bundle

You'll follow the installation instructions for the hardware bundle you purchased.



TOAST FLEX + TOAST PRINTER

Purchased a Toast Flex terminal and Toast Printer?

TURN TO PAGE 3



TOAST FLEX + TOAST HUB

Purchased a Toast Flex terminal and Toast Hub?

TURN TO PAGE 8



TOAST FLEX

Purchased just a Toast Flex terminal?

TURN TO PAGE 13



TOAST FLEX FOR KITCHEN

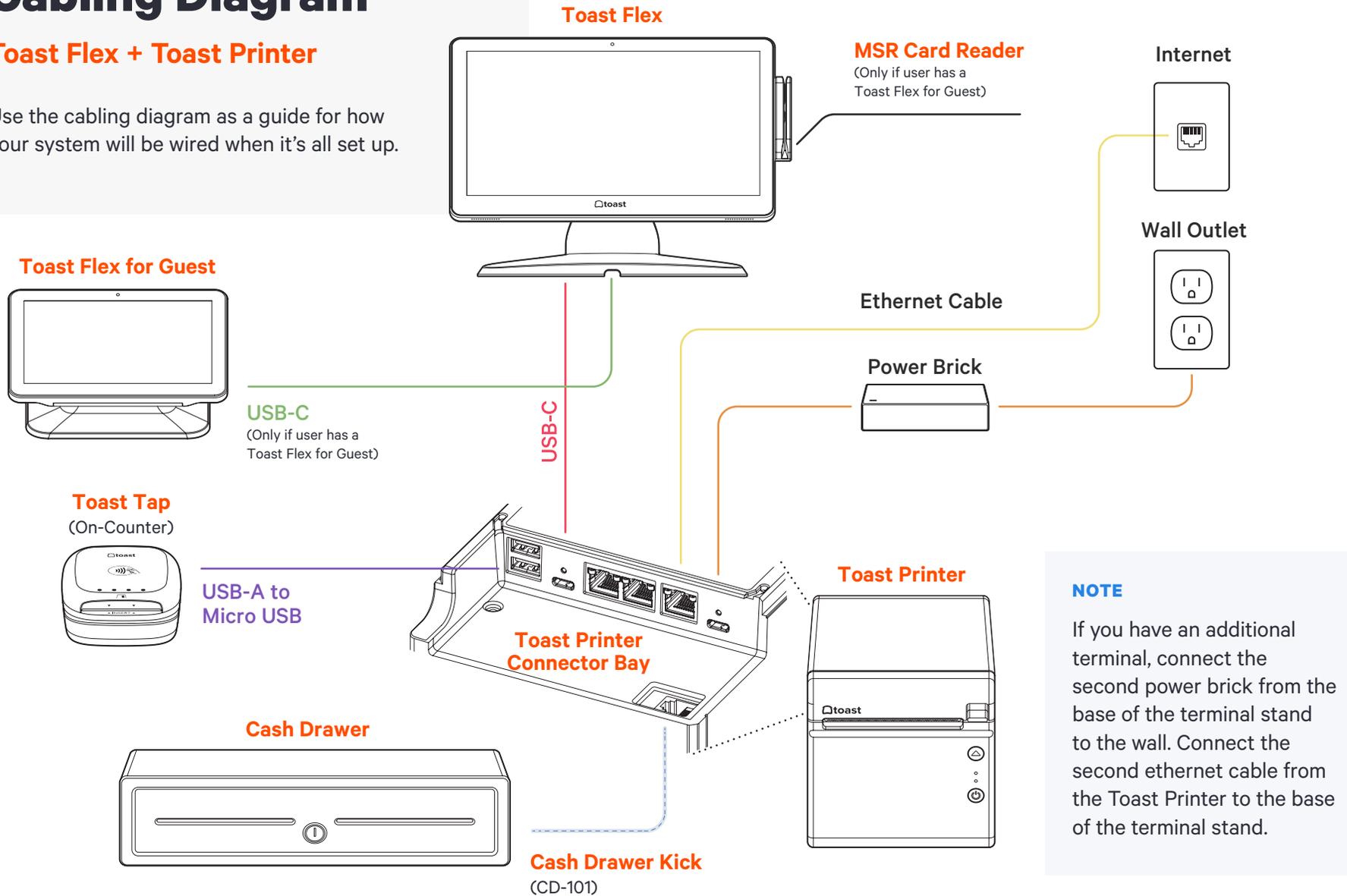
Purchased a Toast Flex for Kitchen?

TURN TO PAGE 16 (On-Stand)
TURN TO PAGE 18 (Mounted)

Cabling Diagram

Toast Flex + Toast Printer

Use the cabling diagram as a guide for how your system will be wired when it's all set up.



If you are using direct attachment for Toast Flex for Guest, this is already in place on the Toast Flex terminal.



For a full service restaurant, you will have the Toast Tap (Direct Attach to Toast Flex) already in place instead of a Toast Tap (On-Counter).

Toast Flex + Toast Printer

1 Unpack your hardware:

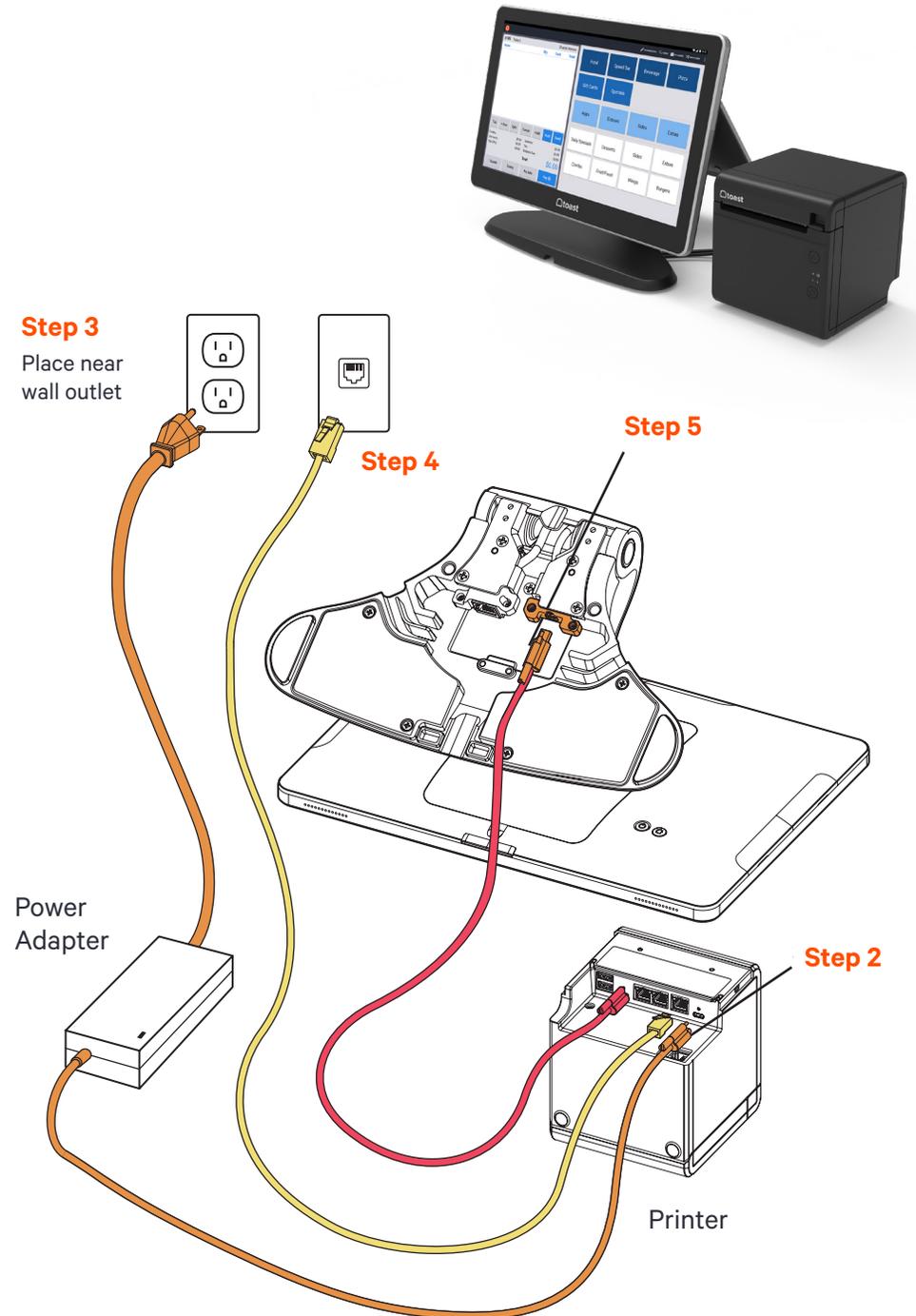
- Unpack the Toast Printer first. It will contain a USB-C to USB-C cable with a red end and an orange end. It will also contain a wall mounting bracket, paper, and a Toast TP200 Printer Quick Start Guide.
- Unpack the Toast Flex terminal box next. This box has two smaller boxes inside: an orange box and a yellow box.

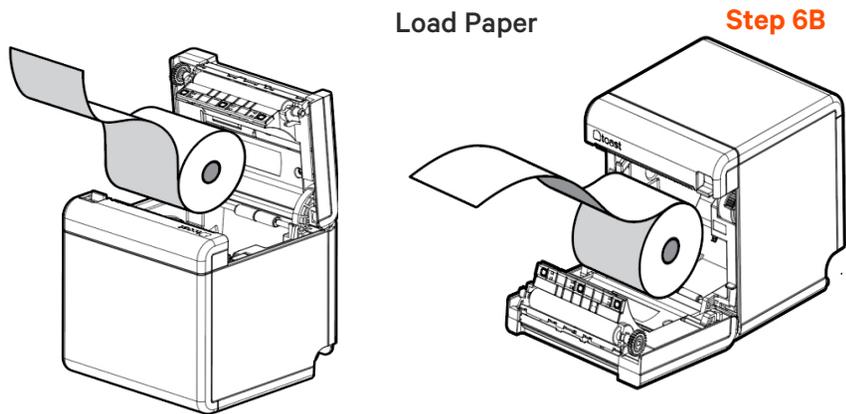
2 Next, remove the orange box labeled “Power.” This box contains the power adapter. Plug it into the orange port labeled “Power In” on the **Toast Printer**. Use the **thumb screw** to secure it.

3 Then, place the other end near the wall outlet, but don’t plug it into the outlet yet. Placing it near the outlet now will help you know where you want to coil or hide your cables at the end of installation.

4 Next, remove the yellow box labeled “Connect.” This box contains two yellow ethernet cables. One is 3 ft and one is 7 ft. Choose the cord length that best suits your restaurant and connect it from the wall to the yellow port labeled “Internet IN” on the **Toast Printer**.

5 Take the red end of the USB-C cable and plug it into the red “To Stand” port on the **Toast Printer**. Take the other end and connect it to the orange port on the base of the **terminal stand**. Use the **thumb screw** to secure it. Ensure the thumbscrew is tight to avoid connectivity issues.

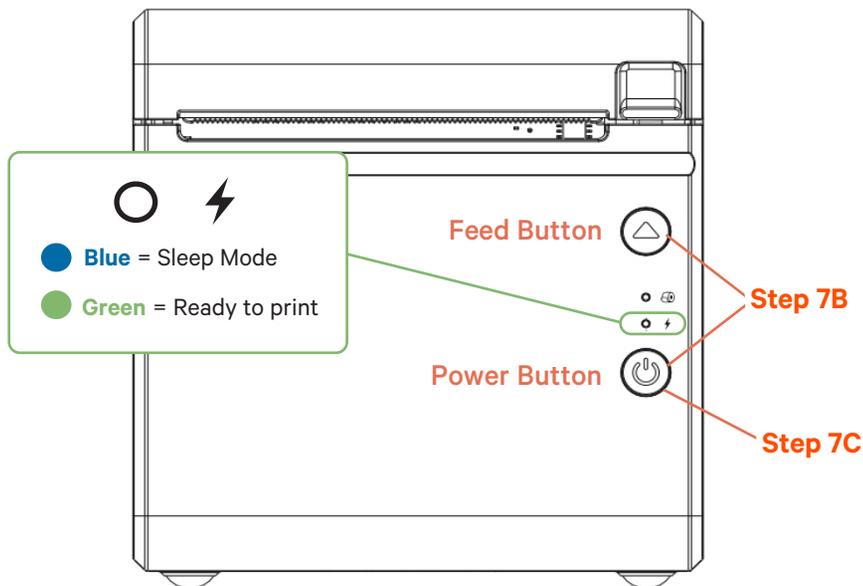




Load Paper

Step 6B

Configure Toast Printer



Toast Flex + Toast Printer

CONTINUED

6 Next, it's time to load the printer paper! To do this:

- A** Pull the latch on the front of the Toast Printer and open the cover.
- B** Insert the full size roll of 80 mm thermal paper. The paper should exit on the opposite side of the cover. See the images to the left on how to position the paper correctly.
- C** Close the Toast Printer cover.

7 Configure your Toast Printer to start working! To do this:

- A** Plug the orange cord into the wall outlet. (From Step 3) Then, hold the **power** button until the LED is blue. This puts the printer into **Sleep** mode so you can configure it.
- B** Hold the **Feed** button and the **Power** button at the same time, then release the **Power** button. Your Toast Printer will print out the printer's test form and the blue LED will turn **green**.

NOTE This step must be completed.

- C** On the test form there will be an IP Address (ex.192.168.192.169). The IP Address number will be used to configure your Toast Printer in the Toast back-end.



After configuring your Toast Printer, the LED will be blue if the printer is in Sleep mode. This happens if the printer is turned off or unplugged. To power it back on, hold the Power button until the LED turns green.



For more information on this process, check out the [Creating a New Printer](#) article in Toast Central.

Toast Flex + Toast Printer CONTINUED

- 8 If you have a cash drawer, plug in the cash drawer cable, which is grey with blue dots, from your cash drawer to your Toast Printer.
- 9 If you have a wedge mount Toast Flex for Guest, plug the green USB-C cable into the green port labeled “GFD” on the terminal stand.

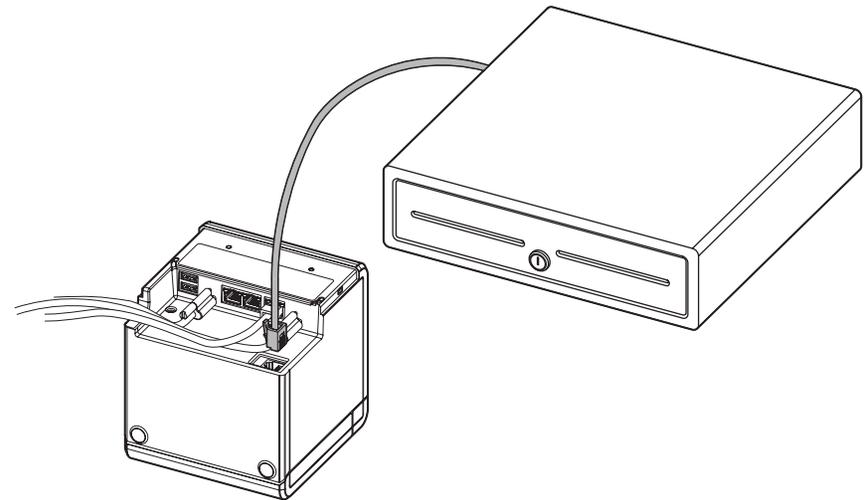
! **TIP**
You can coil extra cable under the Toast Flex for Guest connector bay.

NOTE
If you are using the direct attachment for Toast Flex for Guest, this is already in place on the Toast Flex terminal. (See image on the right)

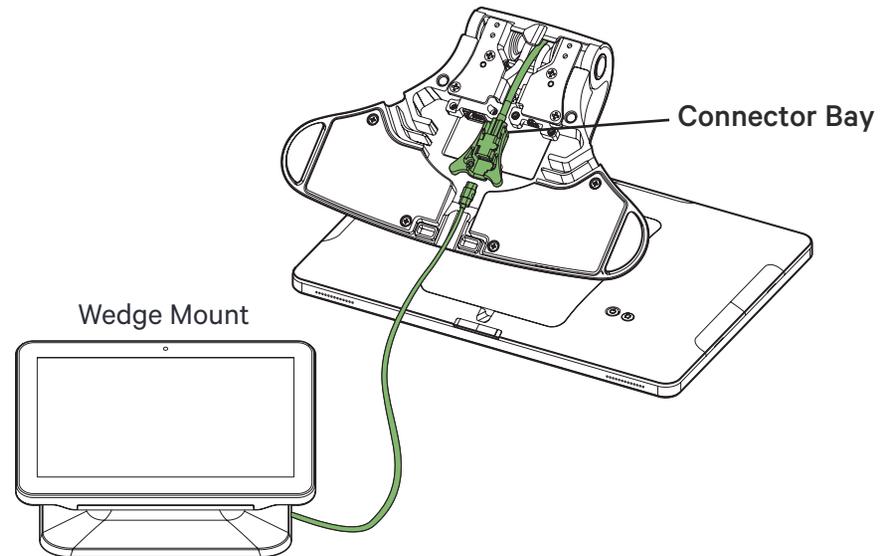


- 10 Set up payment using one of the options below:
 - A If you are attaching your Toast Tap (On-Counter) to the Toast Flex, open the purple box labeled “**Payments.**” This box contains your Toast Tap (On-Counter). Follow the instructions in the printed guide for **Micro USB to Micro USB.**
 - B If you have Toast Tap (Direct Attach to Toast Flex), this will already be adhered to your Toast Flex terminal.

Step 8

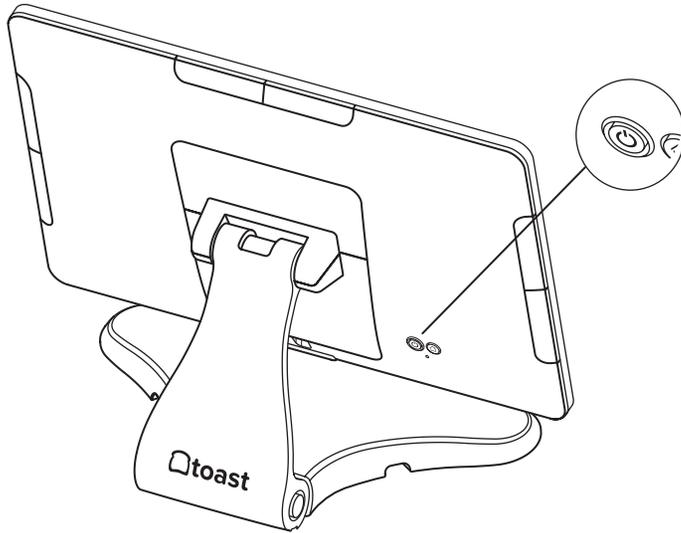


Step 9



Step 11

Power on your Toast Flex



Toast Flex + Toast Printer

FINAL STEPS

11 Power on the Toast Flex terminal and follow the Toast setup instructions that appear. (See images on the left)

12 Log into your restaurant in the Toast App and complete basic setup.

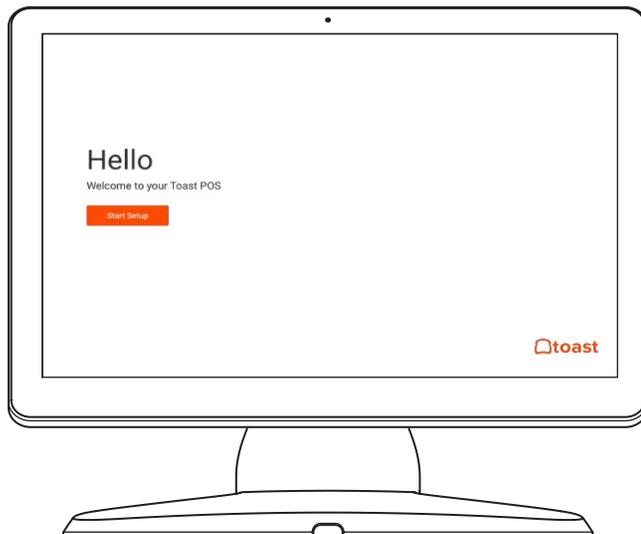
NOTE

You may need to update the Toast App when you open it for the first time.

13 The last step is to turn on EMV. EMV must be turned on to accept payment on your new Toast system. **See page 13 for EMV set up instructions.**

Step 12

Follow Toast setup instructions

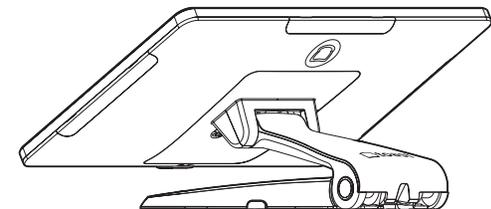
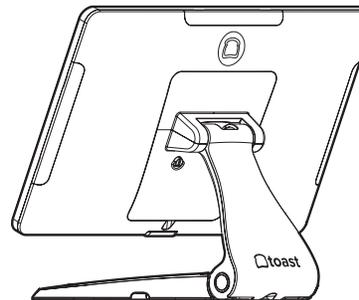


Your Toast Flex + Toast Printer are set up!



TIP

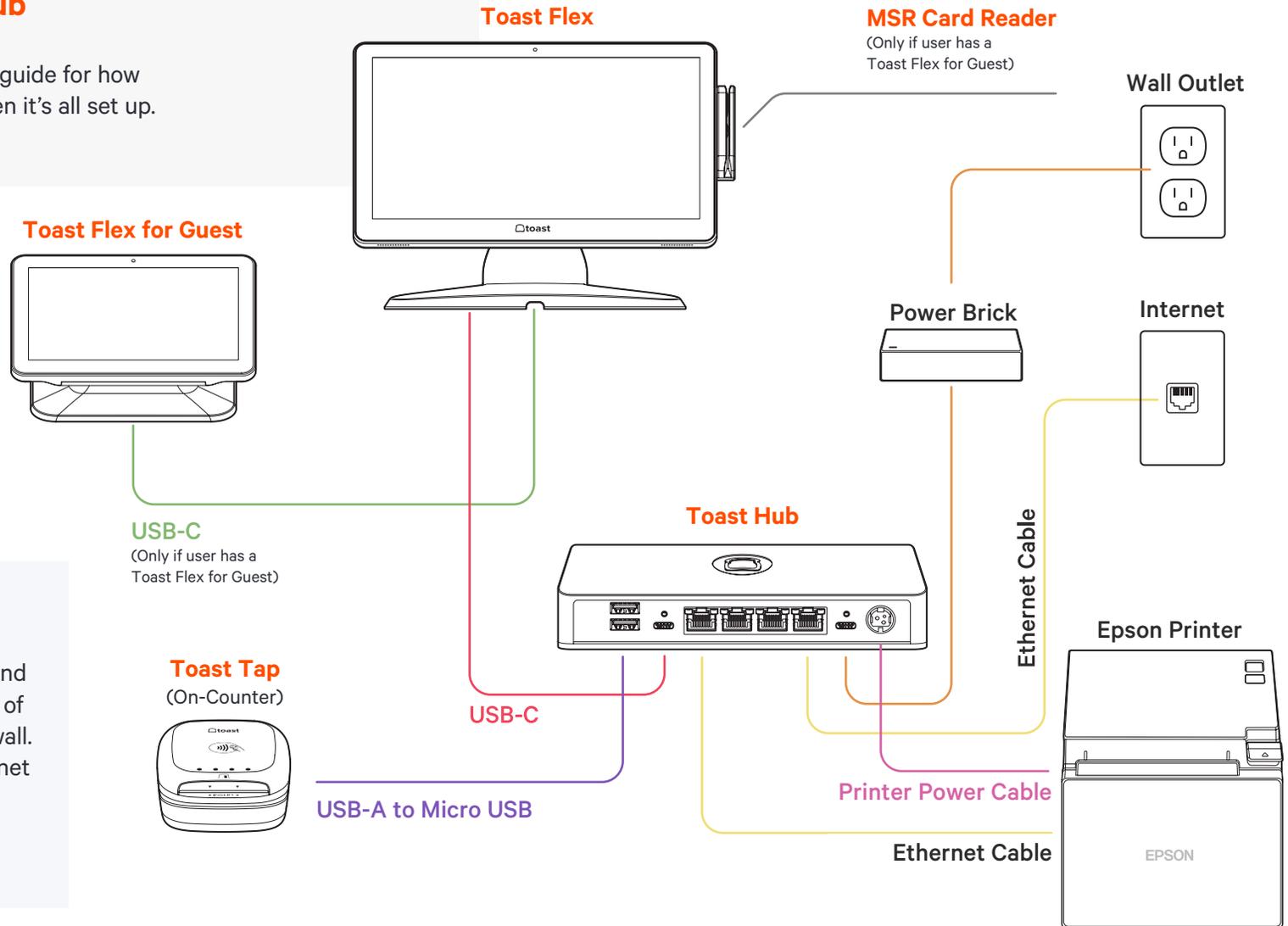
Your new Toast Flex stand can be raised higher or lower!



Cabling Diagram

Toast Flex + Toast Hub

Use the cabling diagram as a guide for how your system will be wired when it's all set up.



NOTE

If you have a second terminal, connect the second power brick from the base of the terminal stand to the wall. Connect the second ethernet cable from the Toast Hub to the base of the terminal stand.



If you are using direct attachment for Toast Flex for Guest, this is already in place on the Toast Flex terminal.



For a full service restaurant, you will have the Toast Tap (Direct Attach to Toast Flex) already in place instead of a Toast Tap (On-Counter).

Toast Flex + Toast Hub

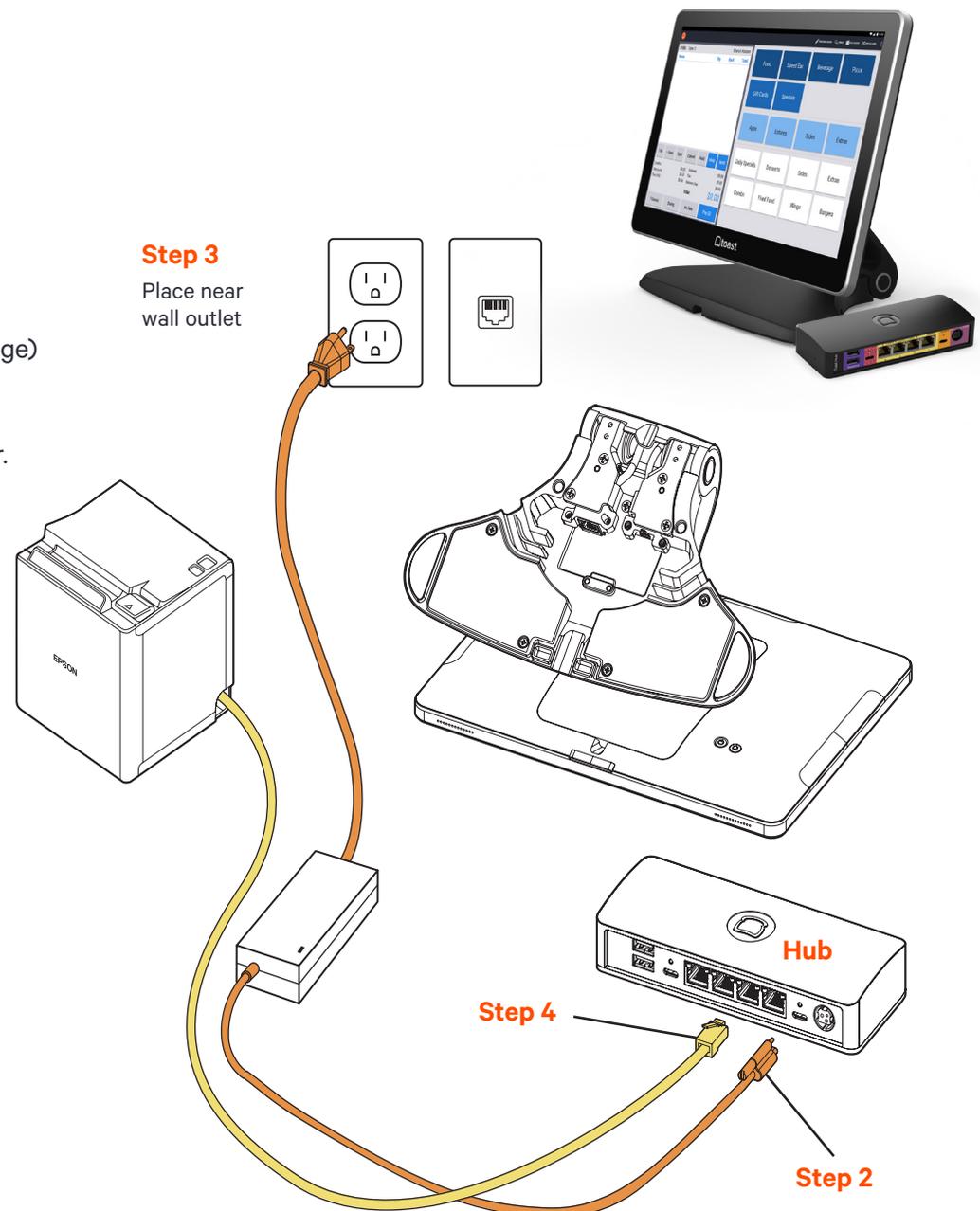
1 Unpack your hardware:

- Unpack the Epson Printer box first.
- Unpack the Toast Hub box. This box contains three cables:
 - Ethernet Cable (Yellow)
 - USB-C - USB-C Cable (One end is red and one end is orange)
 - Epson Power Cable (Pink with black stripes)
- Unpack your Toast Flex terminal and place it on the counter. This box has two smaller boxes inside: An orange box and a yellow box.

2 Next, remove the orange box labeled “**Power.**” This box contains the power adapter. Plug it into the orange port labeled “**Power In**” on the **Toast Hub**. Use the thumb screw to secure it. Ensure the thumbscrew is tight to avoid connectivity issues.

3 Then, place the other end near the wall outlet, but don't plug it into the outlet yet. Placing it near the outlet now will help you know where you want to coil or hide your cables at the end of installation.

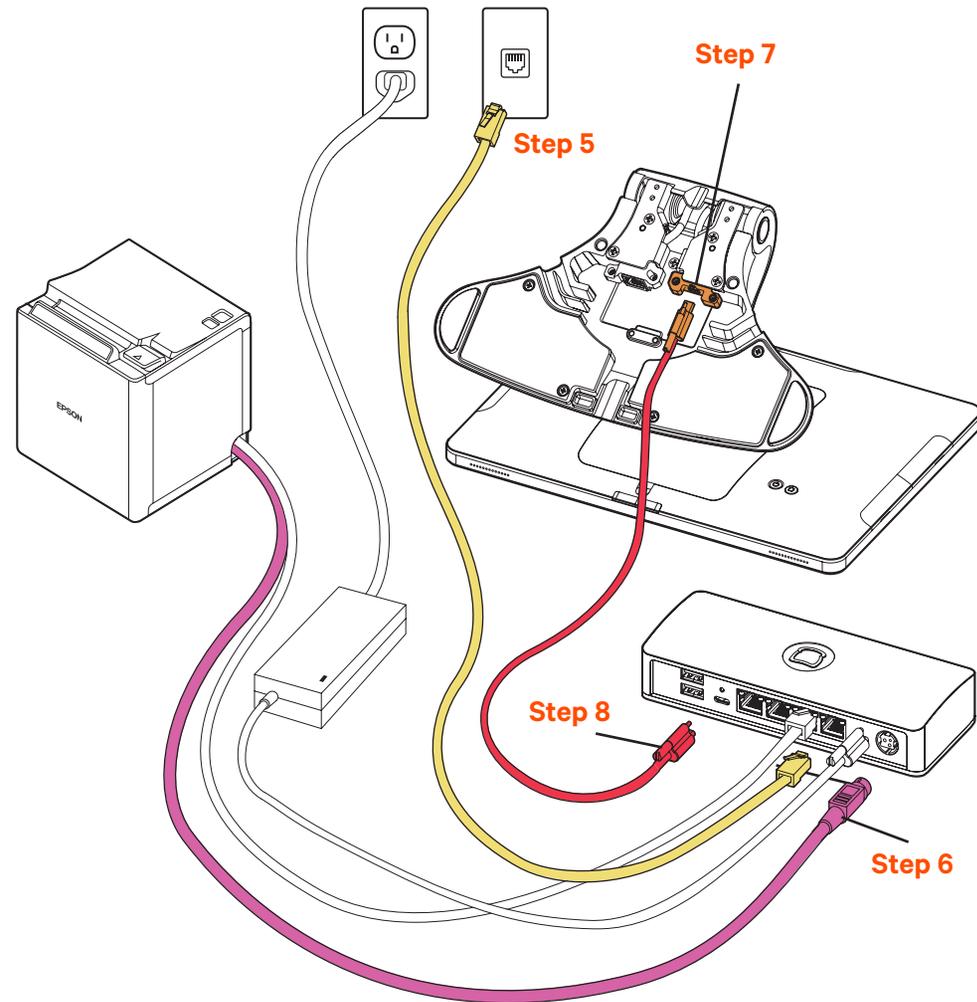
4 Next, plug the yellow ethernet cable that was packed in the Toast Hub box and connect it from the Epson printer to the yellow port labeled “**Printer**” on the **Toast Hub**.



Toast Flex + Toast Hub

CONTINUED

- 5 Remove the yellow box labeled “**Connect.**” This box contains two ethernet cables. One is 3 ft and one is 7 ft. Choose the cord length that best suits your restaurant and connect it from the wall to the yellow port labeled “**Printer**” on the **Toast Hub**.
- 6 Plug the striped pink Epson power cable from the Epson printer to the striped pink port labeled “**Printer In**” on the Toast Hub.
- 7 Take the orange end of the USB-C cable and plug it into the orange port in the base of the Toast Flex terminal. Use the thumb screw to secure it.
- 8 Take the red end of the USB-C cable and plug it into the red port labeled “**To Stand**” on the **Toast Hub**. Use the thumb screw to secure it. This cable sends both data and power to your Toast Flex terminal.



Toast Flex + Toast Hub CONTINUED

- 9 If you have a cash drawer, plug in the cash drawer cable, which is grey with blue dots, from your cash drawer to the printer.
- 10 If you have a wedge mount Toast Flex for Guest, plug the green USB-C cable into the green port labeled “GFD” on the Toast Flex terminal stand.

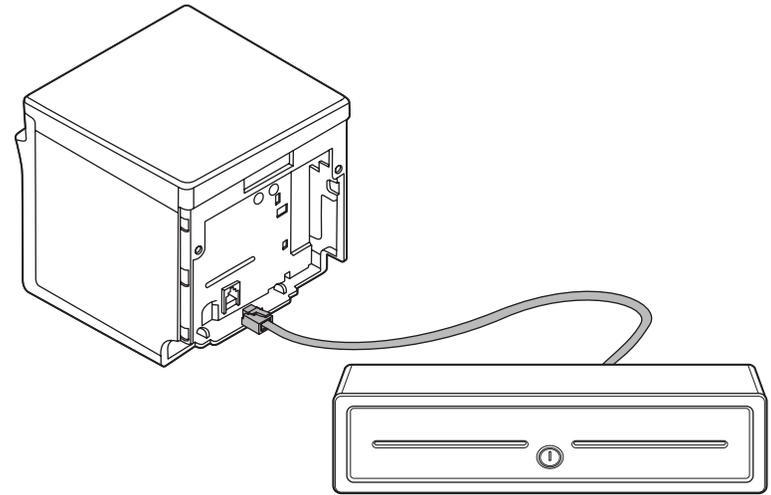
TIP
You can coil extra cable under the Toast Flex for Guest connector bay.

NOTE
If you are using the direct attachment for Toast Flex for Guest, this is already in place on the Toast Flex terminal. (See image on the right)

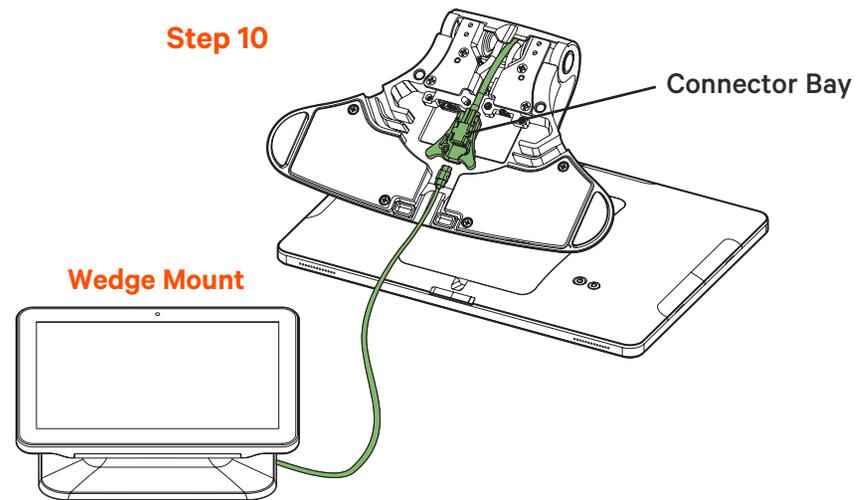


- 11 Set up payment using one of the options below:
 - A If you are attaching your Toast Tap (On-Counter) to the Toast Flex, open the purple box labeled “**Payments.**” This box contains your Toast Tap (On-Counter). Follow the instructions in the printed guide for **Micro USB to Micro USB.**
 - B If you have Toast Tap (Direct Attach to Toast Flex), this will already be adhered to your Toast Flex terminal.

Step 9



Step 10

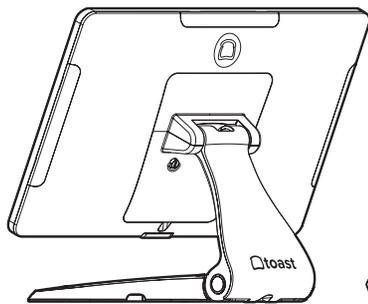


Toast Flex + Toast Hub

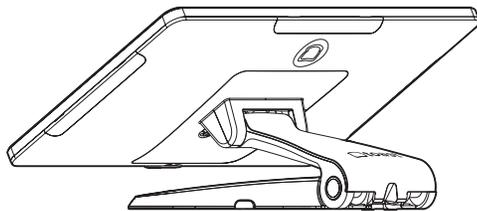
FINAL STEPS

- 12 Now, plug in the orange power cord into the wall outlet. (From Step 3)
- 13 Power on the Toast Flex terminal and follow the Toast setup instructions that appear. (See images on the right.)
- 14 Log into your restaurant in the Toast App and complete basic setup.
- 15 The last step is to turn on EMV. EMV must be turned on to accept payment on your new Toast system. **See page 13 for EMV set up instructions.**

Your Toast Flex + Toast Hub are set up!

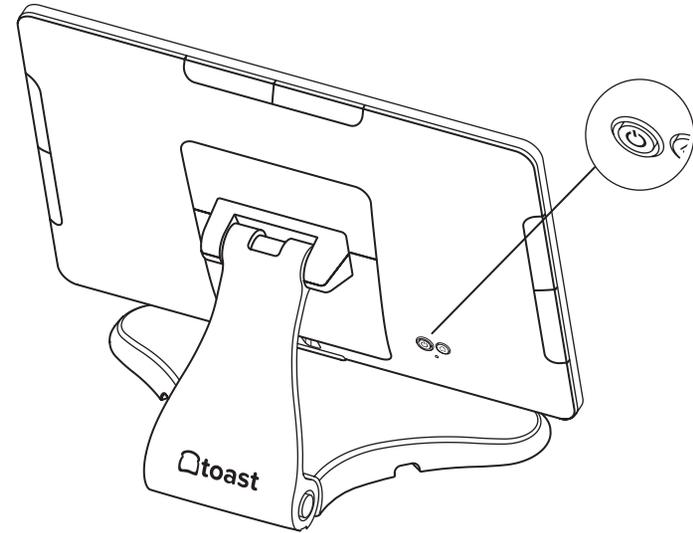


TIP
Your new Toast Flex stand can be raised higher or lower!



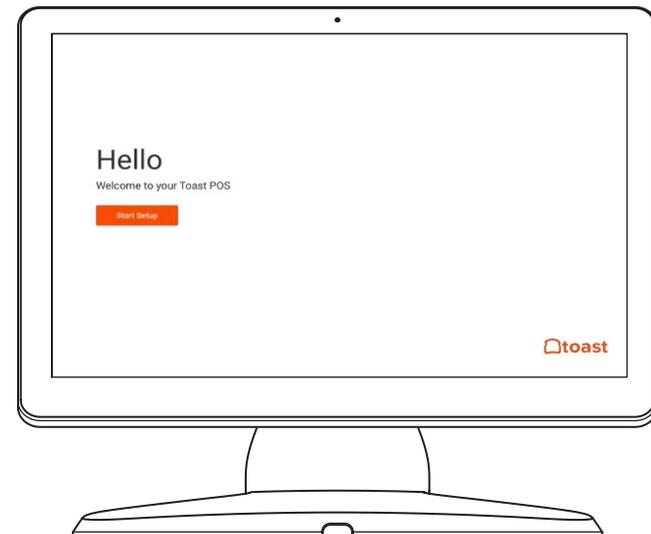
Step 13

Power on your Toast Flex



Step 14

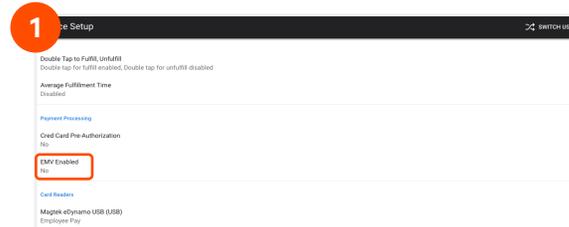
Follow Toast setup instructions



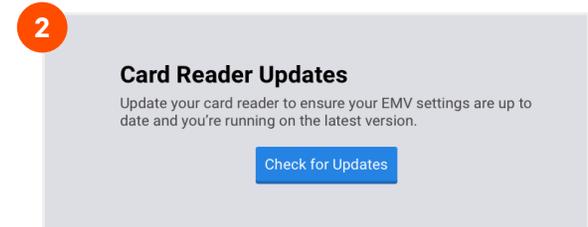
Configuring EMV for your Toast System in the Toast App

Your Toast system is EMV capable.

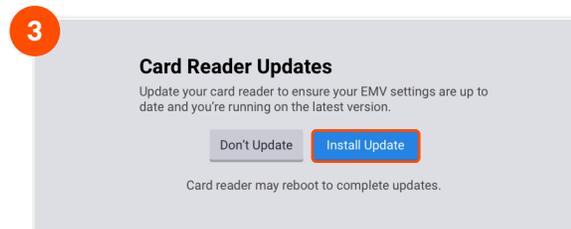
EMV is a credit card payment process that checks cards embedded with a computer chip for their legitimacy. Enabling EMV will allow for dipping and tapping of credit cards on the Toast Tap.



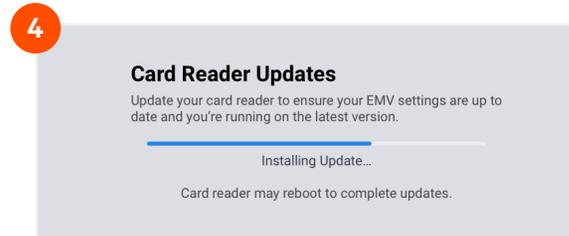
Using the Toast icon in the upper left corner of the screen on your Toast Flex, navigate to the **Setup** menu and select **Device Setup**. Scroll to the **Payment Processing** section and select **EMV Enabled**.



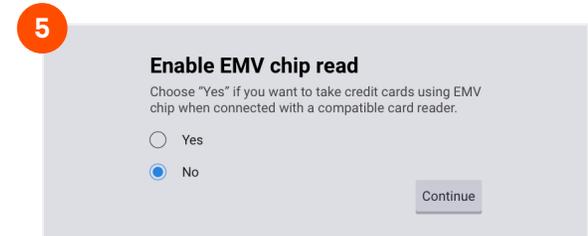
Select **Check for Updates** to look for updates to your card reader. If you do not see an update, skip to the last step.



Select **Install Updates**. The update normally takes a few minutes to complete. If you decline the update, you will not be able to use EMV until this update is installed.



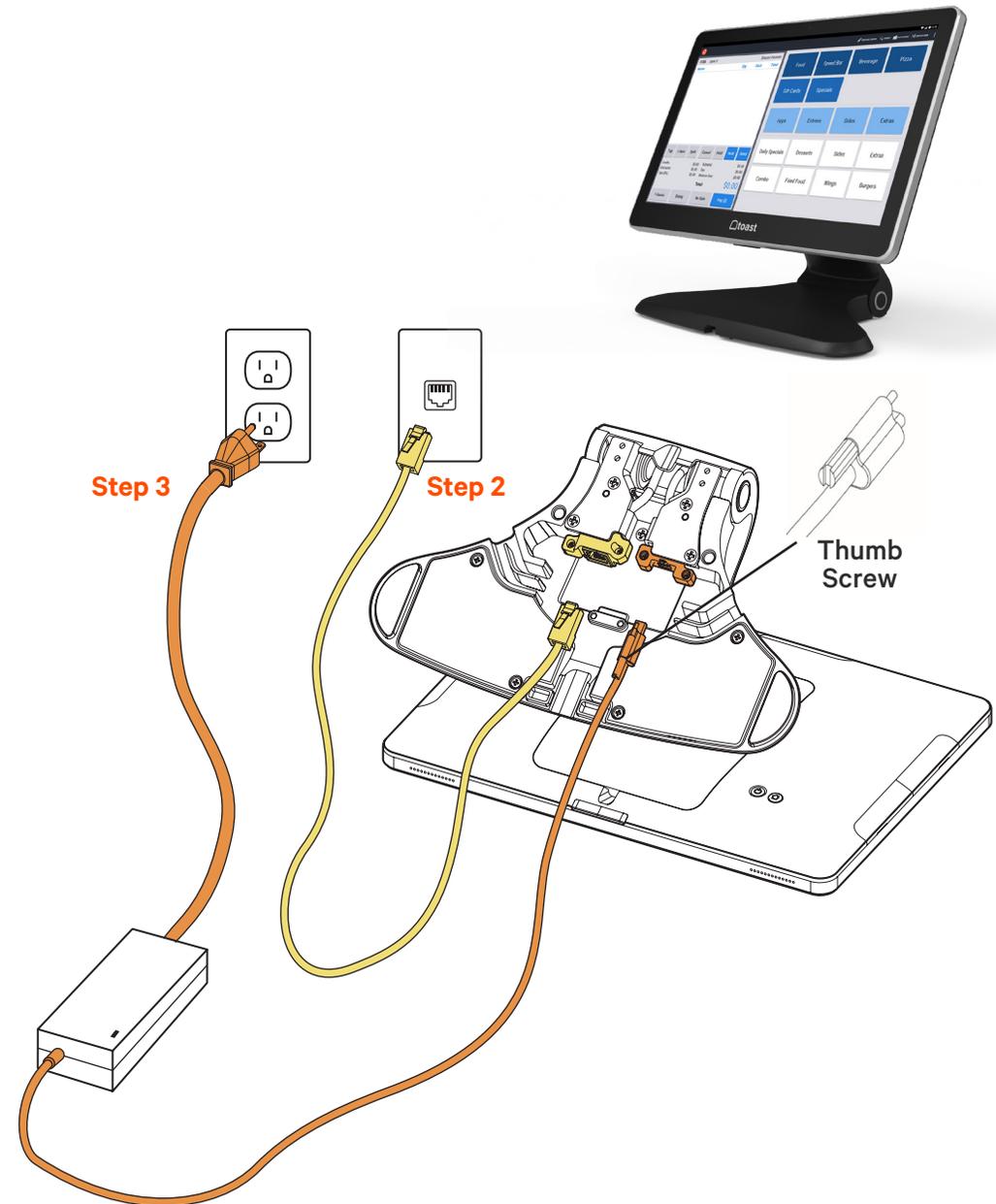
You'll see the screen below as the update processes. If you get an error message, please try again in a few minutes. Make sure to not let your session log out.



If the update was successful, you'll see this next screen. Toggle the switch to Yes, and you're all set!

Toast Flex

- 1 Unpack the Toast Flex terminal and place the terminal on your counter.
- 2 Remove the yellow box labeled “**Connect.**” This box contains two yellow ethernet cables. One cord is 3 ft and one is 7 ft. Choose the cord length that best suits your restaurant and connect it from the wall to the yellow port labeled “**Internet IN**” on the base of the Toast Flex terminal stand.
- 3 Remove the orange power box labeled “**Power.**” Plug in the power cord from the wall into the orange port located at the base of the Toast Flex terminal stand. Use the **thumb screw** to secure it. Ensure the thumbscrew is tight to avoid connectivity issues.
- 4 Set up payment using one of the options below:
 - A If you are attaching your Toast Tap (On-Counter) to the Toast Flex, open the purple box labeled “**Payments.**” This box contains your Toast Tap (On-Counter). Follow the instructions in the printed guide for **Micro USB to Micro USB.**
 - B If you have Toast Tap (Direct Attach to Toast Flex), this will already be adhered to your Toast Flex terminal.



Toast Flex

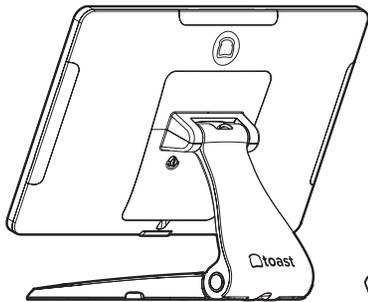
CONTINUED

- 5 Power on the Toast Flex and follow the Toast setup instructions that appear on the screen.
- 6 Log into your restaurant in the Toast App and complete basic setup. Note: You may need to update the Toast App when you open it for the first time.

NOTE

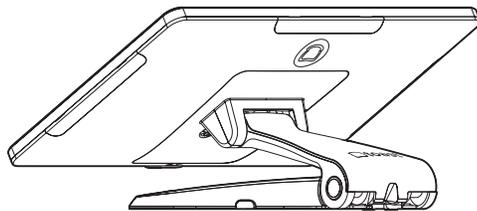
You may need to update the Toast App when you open it for the first time.

Your Toast Flex terminal is set up!



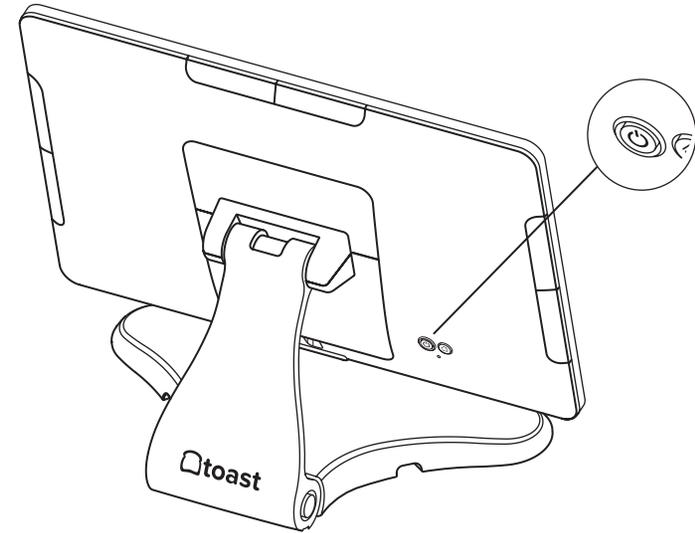
TIP

Your new Toast Flex stand can be raised higher or lower!



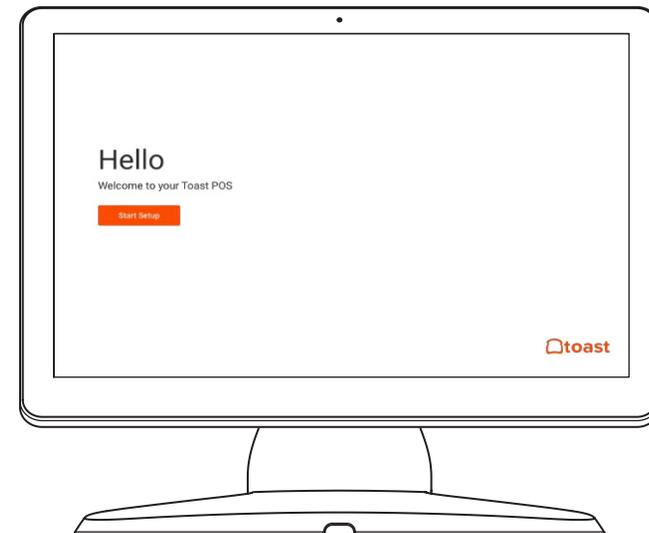
Step 5

Power on your Toast Flex



Step 6

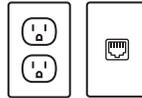
Follow Toast setup instructions



Toast Flex for Kitchen **ON-STAND**

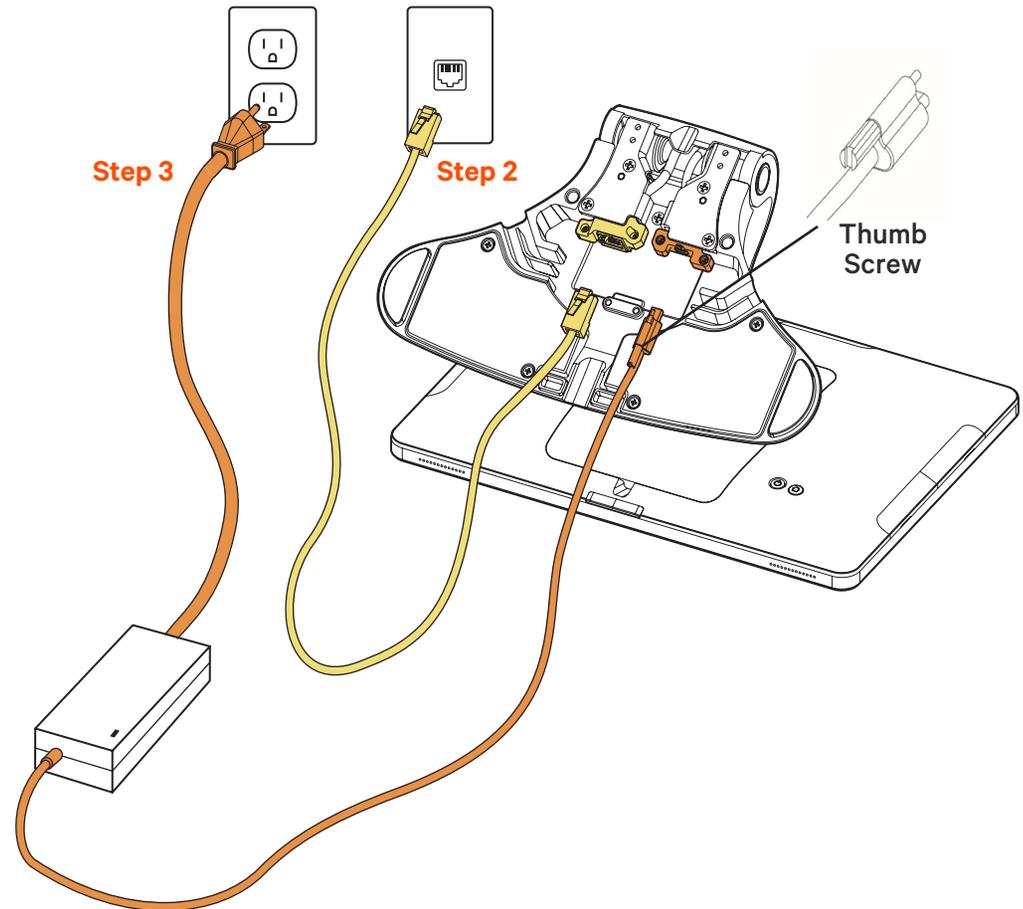
Follow these instructions if the Toast Flex for Kitchen will be on-stand

Before you get started, identify where you want your Toast Flex for Kitchen to be located. Make sure there is a power outlet and wall port in reach.



1. Unpack your Toast Flex for Kitchen terminal and place it on your counter.
2. Remove the yellow box labeled **“Connect.”** This box contains two yellow ethernet cables. One cord is 3 ft and one is 7 ft. Choose the cord length that best suits your restaurant and connect it from the wall to the yellow port labeled **“Internet IN”** on the base of the terminal stand.
3. Remove the orange power box labeled **“Power.”** Plug in the power adapter from the wall into the orange port located at the base of the Toast Flex terminal stand. Use the thumb screw to secure it.

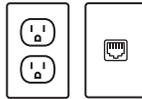
If you are using a wall mount for your Toast Flex for Kitchen, go to the next page!



Toast Flex for Kitchen **MOUNTED**

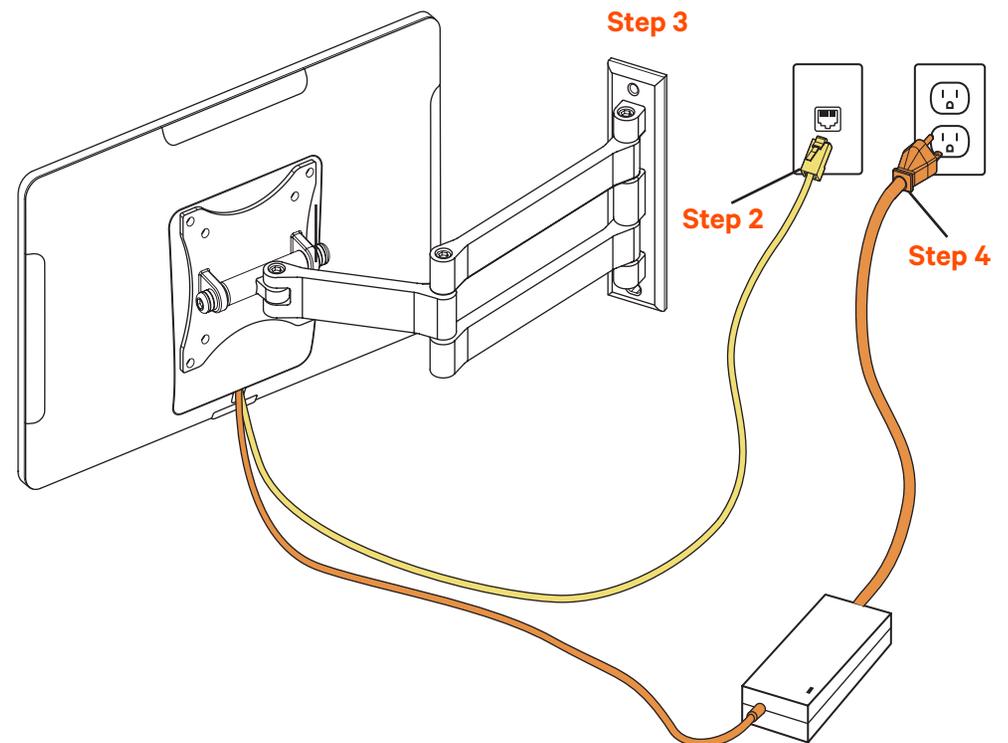
Follow these instructions if the Toast Flex for Kitchen will be mounted on the wall

Before you get started, identify where you want your Toast Flex for Kitchen to be located. Make sure there is a power outlet and wall port in reach.



- 1** Unpack your Toast Flex for Kitchen and Wall Mount:
 - It will have the swing arm for the wall mount already attached.
 - It will also have the power cable and internet cable pre-plugged into your Toast Flex for Kitchen.
- 2** Plug the other end of the internet cable into the wall port.
- 3** Attach your wall mount to the wall. (See note below.)
- 4** Plug the other end of the power cable into the wall outlet.

! Toast does not drill holes. You will need to drill your own holes or have holes pre-drilled in the desired location.



User Manual

Product Name: Data Processing Machine

- 14" Toast Flex->Model Name: **TT200/TT200W**
- 14" Toast Flex + Toast Flex for Guest with an 8" Screen for Guest attached-> Model Name: **TT201/TT201W**
- 14" Toast Flex for Kitchen -> Model Name **TK200 / TK200W**

Specifications: Toast Flex

Operation System	Android 7.1
Processor	Rockchip ROK3399
LCD	14-inch, 1920 x 1080 resolution
Memory	16GB ROM + 4GB RAM
WIFI	Dual-band WIFI, 802.11 a/b/g/n (2.4GHz/5GHz) supported
Bluetooth	Bluetooth 4.0 BLE supported
Camera	5M FF MIPI Camera
Speaker	2W
External Ports	1 x RJ45 LAN port, 2x USB TypeC port, 1x HDMI-D port, 1x customized TypeC port, 3x Micro-USB port
Power Adapter	Input: AC 100 240V/2.5A Output: DC 24 V/4, OA

Toast Flex for Guest

LCD	8-inch, 1280 x 800 resolution
Camera	5M FF USB Camera
External Ports	1x Customized USB TypeC port, 2 x Micro-USB Port

Simplified Setting

It only takes a few steps to turn on this Toast Flex. Press the power button and the screen will light up. Follow the instructions shown on the start-up screen.

Two internet access modes are available for you to select.

Wi-Fi Setting

1. Press the [Setting] button and start WLAN to enter the WLAN search interface.
2. Search for the available WLAN hotspots.
3. Press the WLAN to be connected. If an encrypted network is selected, a password is required for connection.

Precautions

Warning:

- Please insert the AC plug into the AC outlet according to the identifying input on the power adapter.
- It is prohibited to use the device in any places with potential explosive gases.
- Nonprofessionals should not open the power adapter to avoid danger.
- Adapter should be installed near the equipment and be easily accessible.
- The operating temperature of the device is between -10°C to 40°C.

Recommendation:

- Do not use the device near water or in a humid environment.
- Keep liquid from falling on the Toast Flex.
- Do not use the device in extremely cold or hot environments, e.g. around fire or a lighted cigarette.
- Do not smash, throw, or bend the device.
- Use the device in a clean and dust free environment as much as possible and keep small items from falling into the Toast Flex.

Important Safety Instructions

- Avoid installing or using during thunder and lightning; lightning strike may occur.
- Cut off the power immediately if there is abnormal smell, overheating, or smog.

Statement

The company is not responsible for the following behaviors:

- Damage caused by using and maintaining the device without following the User Manual.
- Damage or problems caused by selection of objects of consumables (products which are not the initial ones provided or recognized by the company).

In this case, the company will not undertake any responsibility. No one is entitled to modify or change the product unless permitted by the company.

Statement

Discrepancies between the product and the file concerning details may occur due to product updates.

The company reserves the right to interpret the file and the right to revise this manual without prior notice.

- Please make sure the temperature for adapter is between -10°C to 40°C.
- Please make sure the temperature for device is between -10°C to 40°C.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user's body and the POS machine, including the antenna. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: 2AMNG-TT200, 2AB7X-CHB25, 2AB7X-CHB26

IC Regulations

This device complies with the applicable industry Canada License exempt radio apparatus, the operation is authorized under the conditions as follows: (1) this device may not cause interference, and (2) the user of this device must accept any interference caused, even if the interference is likely to affect its performance. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.

IC: 23177-TT200

EU Regulatory Conformance

The manufacturer hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The description of accessories and components, including software, which allow the radio equipment to operate as intended, can be obtained in the full text of the EU declaration of conformity at the following internet address: <https://pos.toasttab.com>. The Official Journal of the European Union Commission Decision of 12 February 2007 states that in the frequency band 5.150 to 5.350 GHz, wireless access systems (WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR
HR	IT	CY	LV	LT	LU	HU	MT	NT	AT
PL	PT	RO	SI	SK	FI	SE	UK		

Notice

Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU). Adapter shall be installed near the equipment and shall be easily accessible. The device complies with RF specifications when the device is used 20cm from your body. The product can be used across EU member states.

Max, radio-frequency power transmitted	BT 2402-2480 MHz: 6 dBm
	BLE 2402-2480 MHz: 5 dBm
	2.4G WIFI 2412-2472 MHz: 15 dBm
	5G WIFI 5150-5250 MHz: 12 dBm
	5G WIFI 5725-5850 MHz: 12 dBm

Need Help With Troubleshooting?

Contact Toast Customer Care for any issues that may arise.

Meet Your Success Team

We have teams of experts to support your restaurant and ensure you and your staff can focus on delighting your guests.

Customer Care

Customer Care is your first line of defense for all Toast questions. Our Customer Care team is available 24/7/365 and is trained to either help or route your request to the correct team at Toast.

 Call (617) 682-0225

 Chat with an agent online on Toast Central

 Submit a ticket on Toast Central

Restaurant Success

The goal of Restaurant Success is to make sure you see the value of your new POS. Whether it's making sure that you're using all that Toast has to offer, to answering questions about new Toast updates, to helping you optimize your technology.

 Restaurant Success will contact you directly once you're live with Toast!

Check Out Your Resources

Whether you're looking to master Toast or you're just getting started, we've got you covered!

“Toast University looks great! I'd love to have all of my new hires take all of the tests and then, upon successful completion, give them a raise.”

MARTIN, TASTE OF PHILLY

University

Toast University is a free virtual training tool available to all customers and their employees. The guided courses will help you train and ensure you get the most out of your Toast POS.

 Sign in through central.toasttab.com

Central

Toast Central is a simple, searchable online portal to find all your resources. Use our knowledge base to get answers to your top questions and learn more about how to use Toast POS.

 Visit central.toasttab.com