

802.11ax Wireless Print Server Maintenance Kit



Installation Instructions

This kit includes the parts and documentation necessary to install the Wireless Print Server Maintenance Kit into the following printers:

- ZT411/ZT421
- ZT610/ZT620

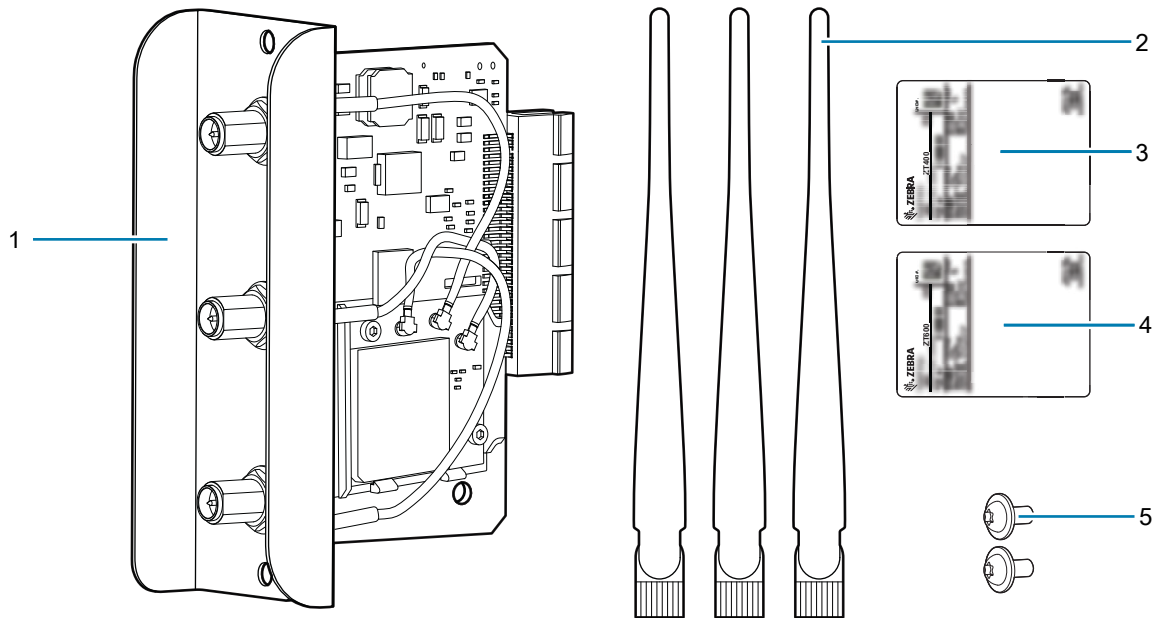
Read these instructions thoroughly before installing this kit.



IMPORTANT: If the print server is being used in countries outside of the USA, Canada, or Japan, a qualified service technician must perform this installation.

Parts List

Before proceeding, verify that the kit contains the following items.



Item	Description	Qty
1	Wireless Print Server	1
2	Antennas	3
3	ZT400 Compliance Label	1
4	ZT600 Compliance Label	1
5	Screws, M3 × 0.5 × 6	2
To reorder specific parts, navigate to zebra.com/parts , and select the printer model.		

Tools Required

- Metric Hexalobular Wrench Set
- Phillips Screwdriver Set
- Antistatic Wrist Strap and Mat
- Programming Guide for ZPL II, ZBI 2, Set-Get-Do, Mirror, and WML or Internet access to download the guide from zebra.com.

Prepare for Installation



CAUTION: Turn off (O) the printer and disconnect it from the power source before performing the following procedure.



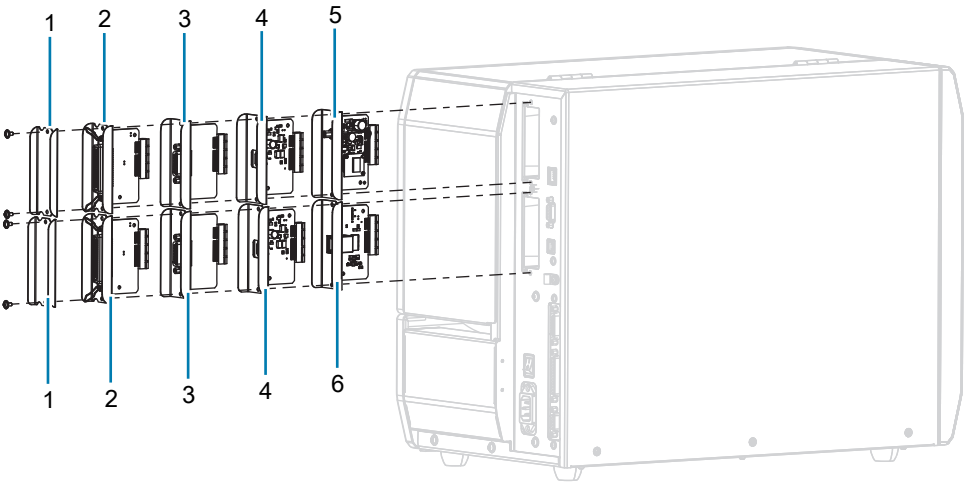
CAUTION—ESD: Observe proper electrostatic safety precautions when handling static-sensitive components such as circuit boards and printheads.

- 1. Connect yourself to an antistatic device.
- 2. Are you replacing an existing option card?

If...	Then...
Yes	Go to Remove the Old Option Card.
No	Go to Remove the Cover Plate on page 5.

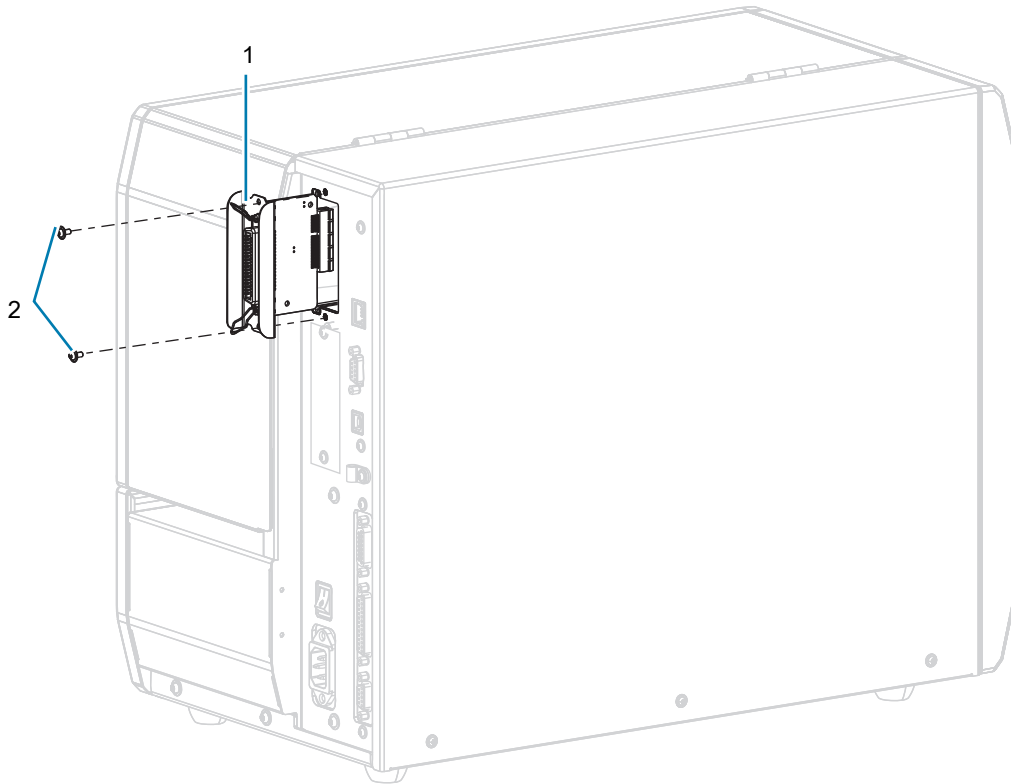
Remove the Old Option Card

- 1. Note the slots that can be used for the various option cards (ZT610 shown).



1	Blank cover
2	Parallel port
3	Applicator interface
4	USB Host
5	Wireless (only in this location)
6	Internal print server IPV4 (only in this location)

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2. Remove the two option card mounting screws that secure it to the top slot (ZT610 shown).



1	Option card
2	Mounting screws (2)

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3. Slide the option card out of the printer.
4. Go to Install the Print Server on page 6.

Remove the Cover Plate

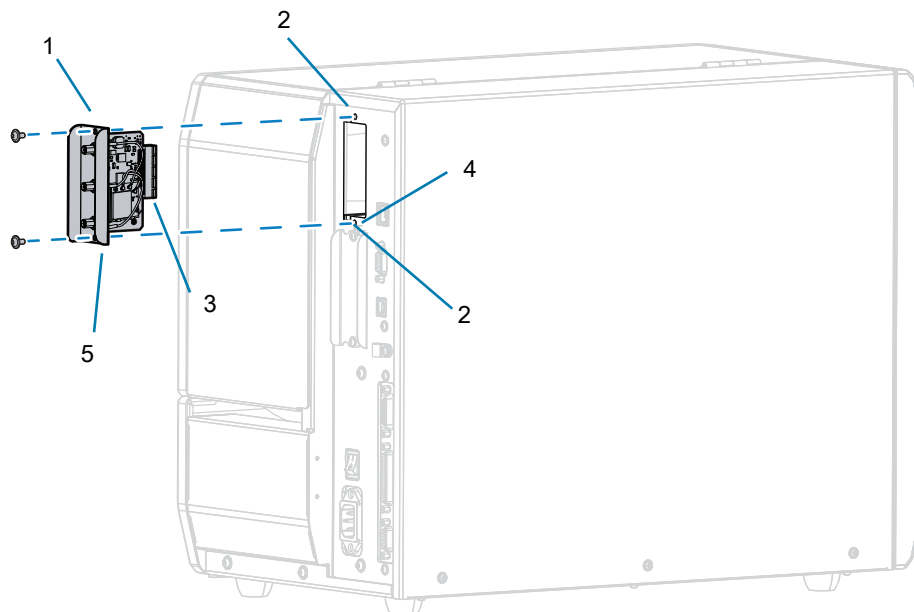
- 1. Remove the blank cover covering the top slot by removing the two mounting screws (ZT610 shown).



1	Blank cover
2	Mounting screws (2)

Install the Print Server

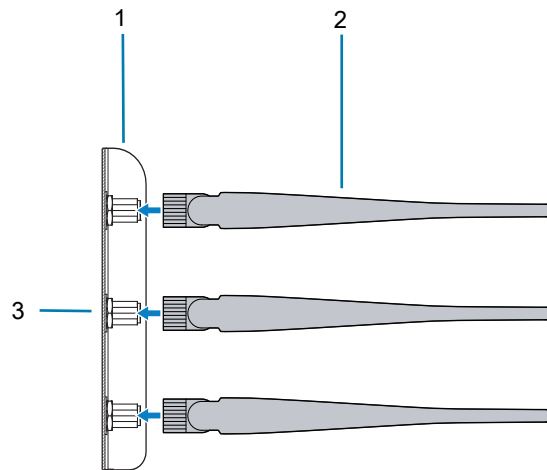
1. Align the print server card with the option card guide slots in the top slot of the printer (ZT610 shown).



1	Wireless print server card
2	Option card guide slots (2)
3	Wireless print server card connector
4	Locating post
5	Locating notch

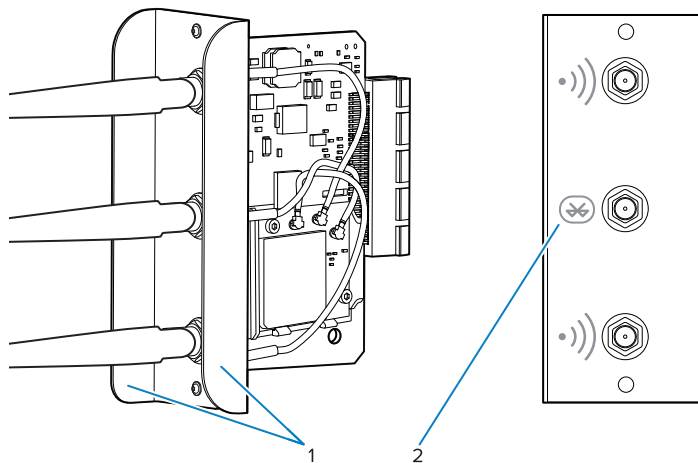
2. Slowly slide the wireless option card into the printer until it stops.
3. Ensure that the option card connector is aligned with the main logic board connector, and then push in the card on the top and bottom until the card is flush with the back of the printer.
4. Install the two mounting screws.

5. To install the external antenna, screw the antenna onto the RF connector extending out of the option card.



1	Option card mounting plate
2	RF antennas
3	RF connector

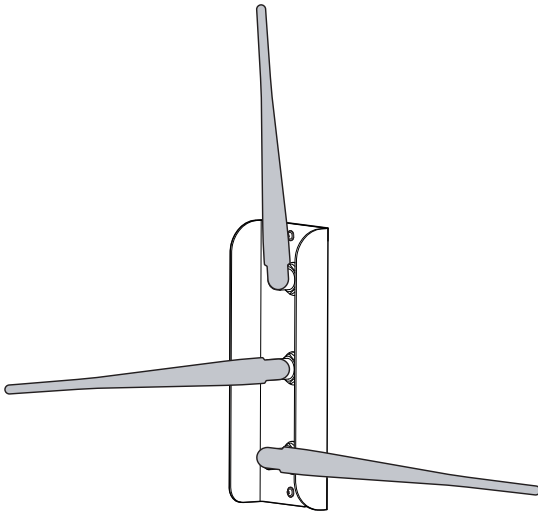
The wireless printer server's bracket identifies which connector is for Wi-Fi and Bluetooth.



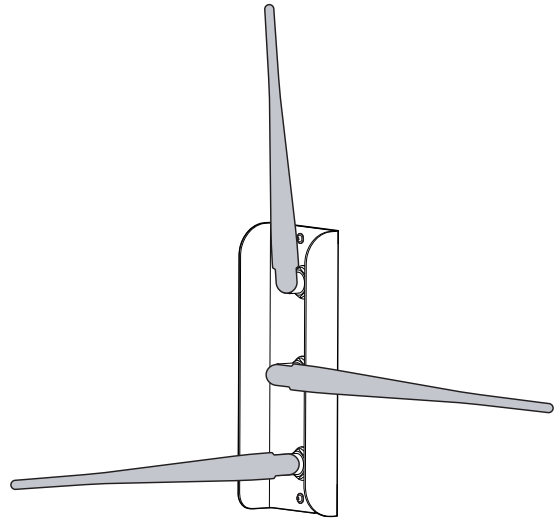
1	Bracket
2	Wi-Fi or Bluetooth indicators

For optimal antenna positioning, see the following examples:

Option 1

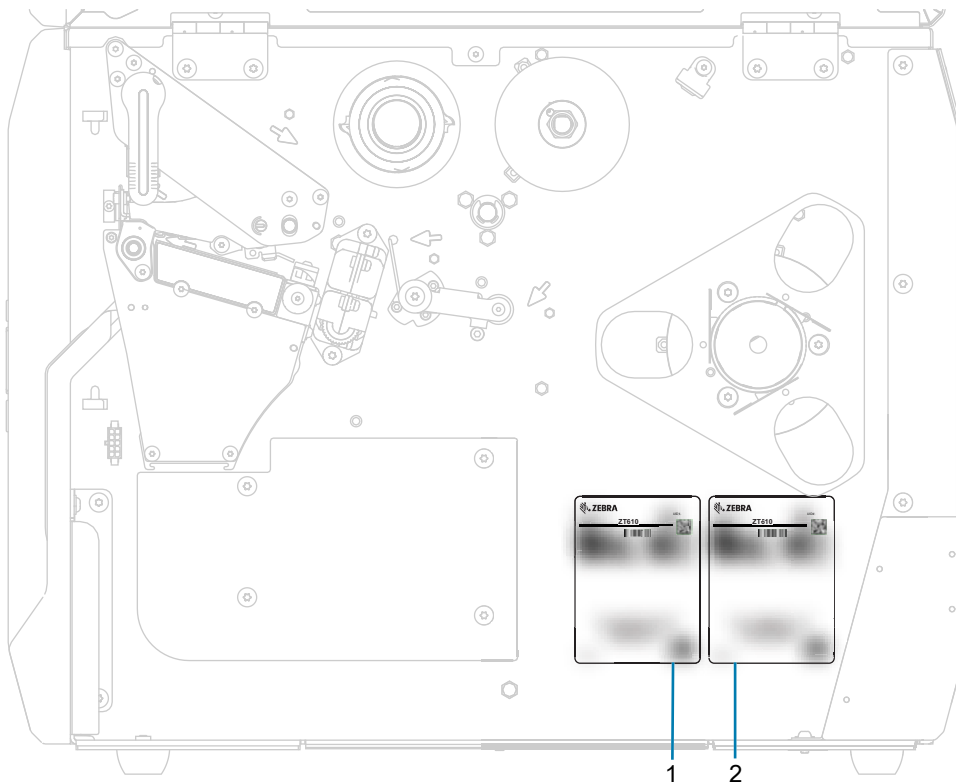


Option 2



Apply the Compliance Label on a ZT600 Series Printer

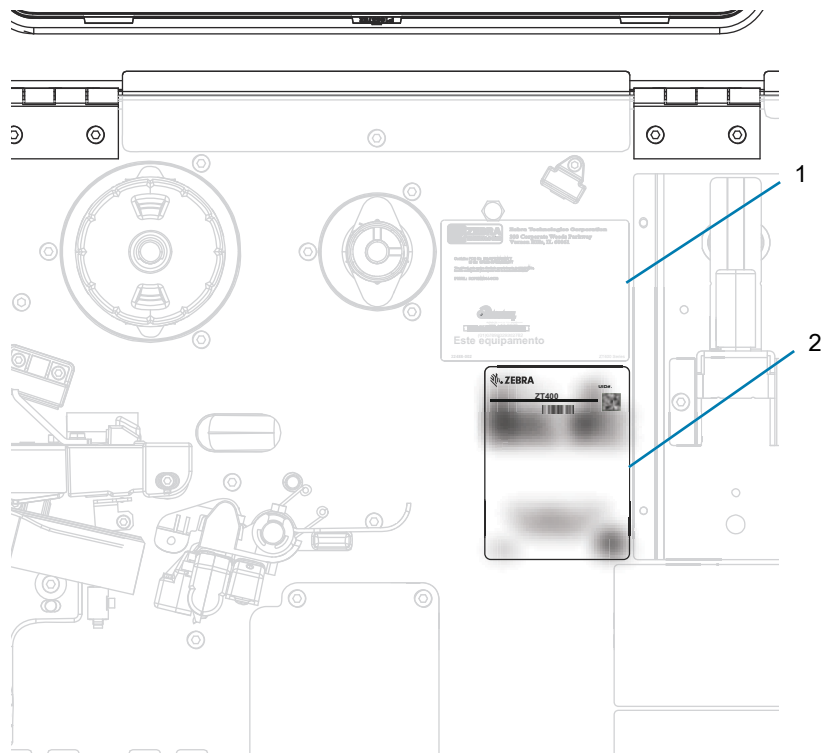
1. Open the media door and remove the media.
2. Locate the product label (1), already in place.



3. Select the proper Compliance label for the printer.
4. Peel the backing off of the ZT600 Compliance label (2), and then install the label beside the product label (1).
5. Reinstall the media.
6. Reconnect the AC power cord and all data cables, and then turn on (I) the printer.

Apply the Compliance Label on a ZT400 Series Printer

1. Open the media door and remove the media.
2. Locate the product label (1), already in place.



1	Product label
2	Compliance label

3. Select the proper Compliance label for the printer.
4. Peel the backing off of the ZT400 Compliance label (2), and then install the label below the product label (1).
5. Reinstall the media.
6. Reconnect the AC power cord and all data cables, and then turn on (I) the printer.

Configure the Printer for Wi-Fi Operation

1. Connect the printer to your computer using a USB or serial connection.
2. Is the printer to be used in the United States, Canada, or Japan?

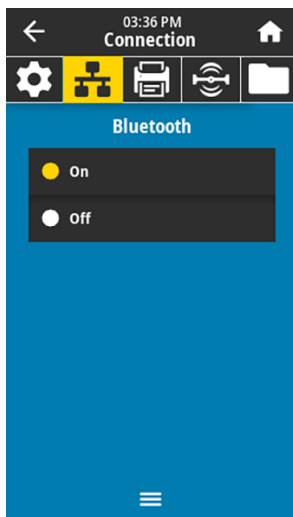
If...	Then...
Yes	a. The country codes have been preset at the factory and cannot be changed. b. Go to step 3.
No	The country code must be set for your wireless board.  IMPORTANT: The list of country codes is specific to each printer and depends on the printer model and its wireless radio configuration. The list is subject to change, addition, or deletion with any firmware update, at any time, without notice. a. To determine the country codes available on the printer, issue the following command to return all commands related to WLAN settings. ! U1 getvar "wlan" b. Locate the wlan.country.code command in the results and view the country codes available for the printer. c. Send the following command with the appropriate country code value. When this value has been set, it cannot be changed. ! U1 setvar "wlan.country_code" "value" d. Go to step 3.

3. Do you need to pair a Bluetooth device?

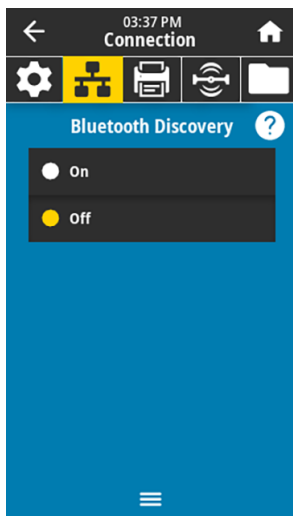
If...	Then...
No	Go to Resume Printer Operation on page 12.
Yes	Go to Bluetooth Pairing on page 12.

Bluetooth Pairing

1. From the printer's home screen, navigate to **Connection > Bluetooth > Bluetooth**.



2. Touch **On** to enable Bluetooth on the printer.
3. Navigate to **Connection > Bluetooth > Bluetooth Discovery**.



4. Touch **On** to enable Bluetooth discoverable mode on the printer.

The printer is now discoverable to Bluetooth devices. Use the Bluetooth options on the device to pair it with the printer. For other Bluetooth features available on your printer, go to zebra.com/zt411-info, zebra.com/zt421-info, zebra.com/zt610-info, or zebra.com/zt620-info.

Resume Printer Operation

1. Reinstall media and ribbon (if used).
2. Close the media door.
3. If necessary, press PAUSE to resume printer operation.

The installation is complete.