

Quick Installation Guide

Wireless Wall Plate Access Point



Setup with videos

Visit <https://www.tp-link.com/support/setup-video/?type=smb> or scan the QR code to search for the setup video of your product model.

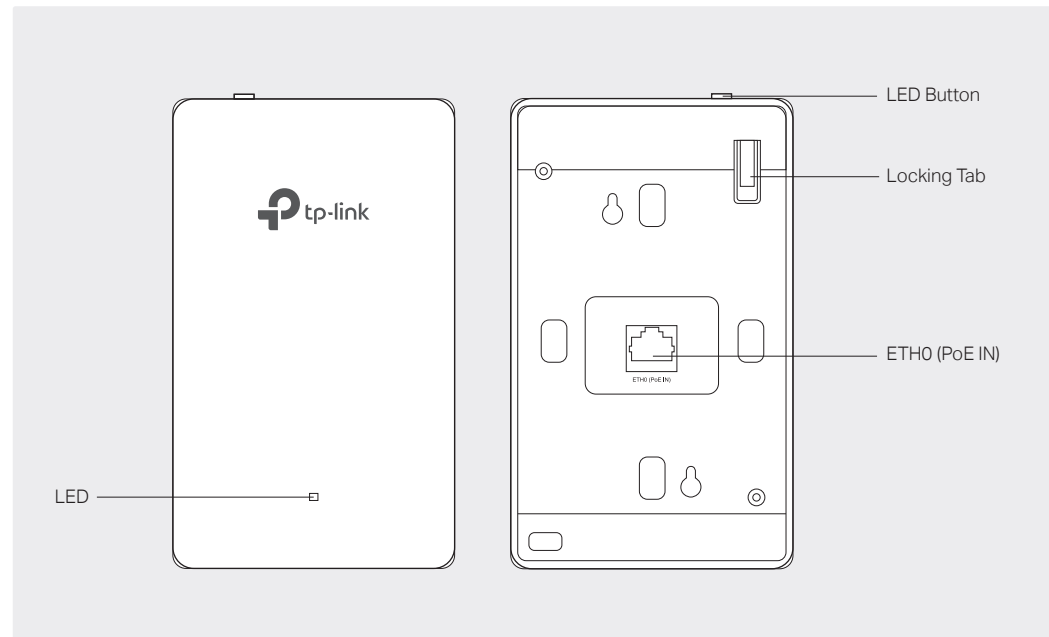


Note: Images may differ from the actual product.

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1 Hardware Overview

Front Panel & Rear Panel



LED Indicator

On: Working normally/Initializing.

Off: Working abnormally/Power off/LED is turned off.

Flash:

- **Flash twice:** Initialization is completed.
- **Flash once per second:** The EAP is upgrading.
- **Flash quickly:** The EAP is resetting, or the Omada controller is locating the device*.

* When the Locate feature is activated in the Omada controller, the LED will flash quickly for 10 minutes to help you locate and identify the device. You can disable this feature manually to stop the device from flashing.

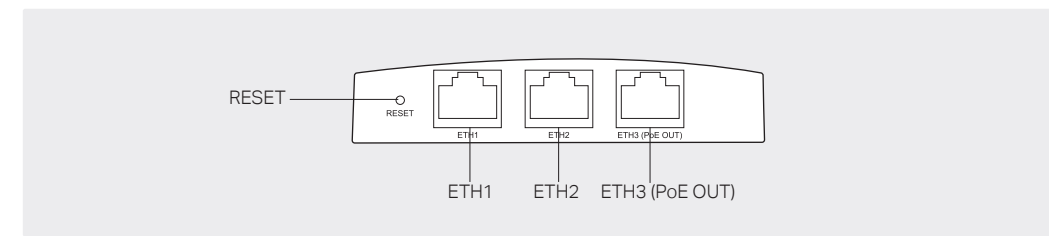
ETH0 (PoE IN) Port

Connected to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power. The PSE supports 802.3af/at inputs and complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.

LED Button

Press the LED button to turn on/off the LED.

Bottom View



RESET Button

With the device powered on, press and hold the button for about 5 seconds until the LED flashes, then release the button. The device will restore to its factory defaults.

ETH1 & ETH2 Port

Connected to a client device to transmit data.

ETH3 (PoE OUT) Port

Connected to a client device to transmit data and supply power (PoE Passthrough). The PoE OUT feature requires 802.3at PoE+ input.

Note: To power an 802.3af device in the LAN, you must use 802.3at PoE+ input.

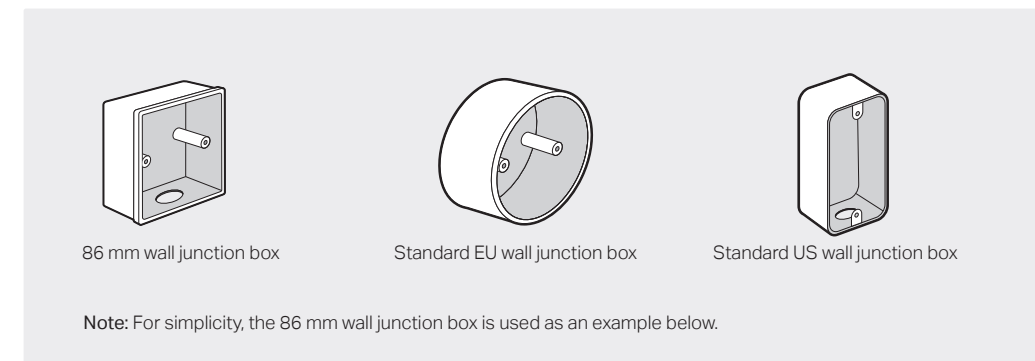
2 Pre-Installation Checklist

Before installation, be sure that you have the following items:

- A pre-installed wall junction box
- A Phillips screwdriver
- An RJ45 plug
- A PoE switch

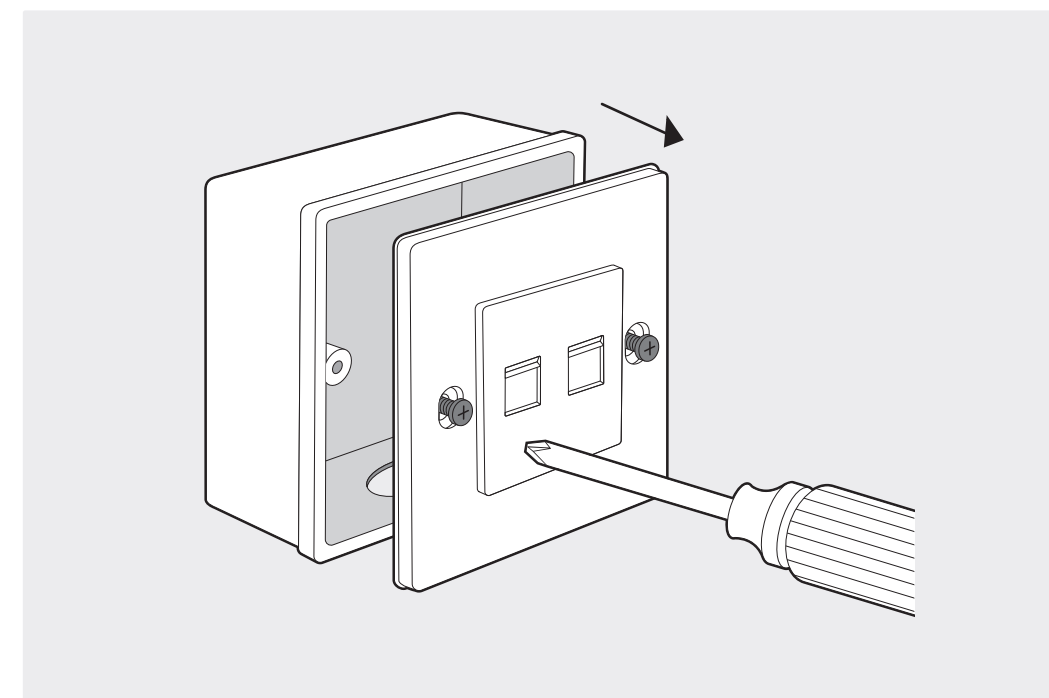
3 Installation Steps

The EAP can be mounted into an 86 mm wall junction box, a standard EU wall junction box, or a standard US wall junction box. The junction box should be pre-installed with a running-in-wall Ethernet cable connected to a PoE switch.

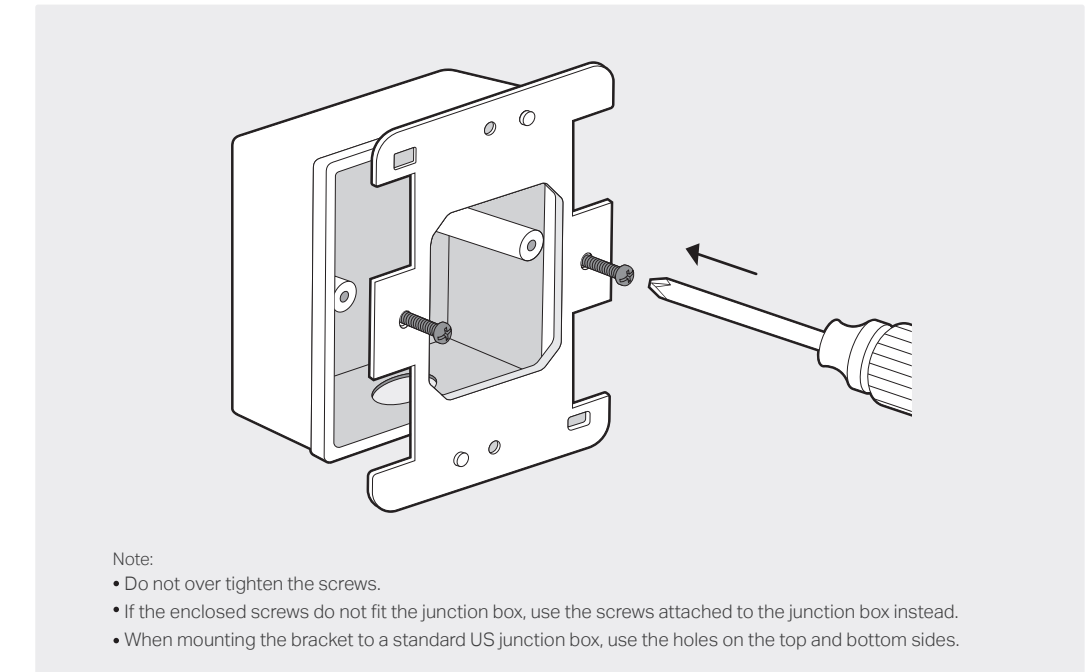


Note: For simplicity, the 86 mm wall junction box is used as an example below.

1. Detach the faceplate of the junction box with a Phillips screwdriver.



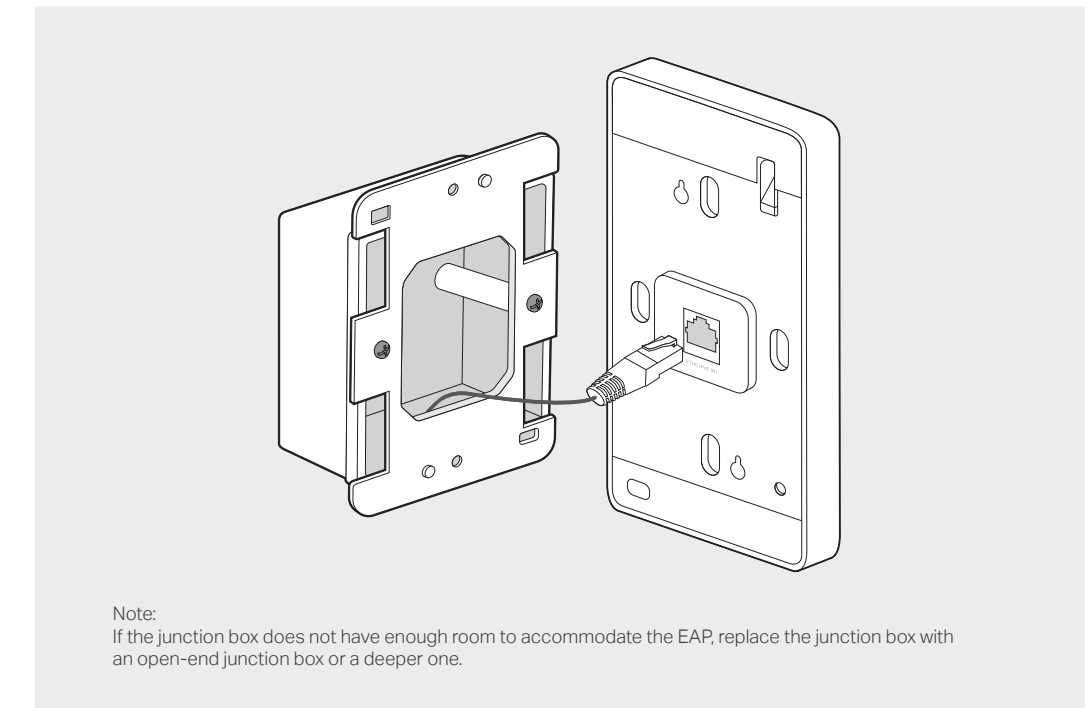
2. Insert the enclosed screws and tighten them with a Phillips screwdriver to secure the mounting bracket.



Note:

- Do not over tighten the screws.
- If the enclosed screws do not fit the junction box, use the screws attached to the junction box instead.
- When mounting the bracket to a standard US junction box, use the holes on the top and bottom sides.

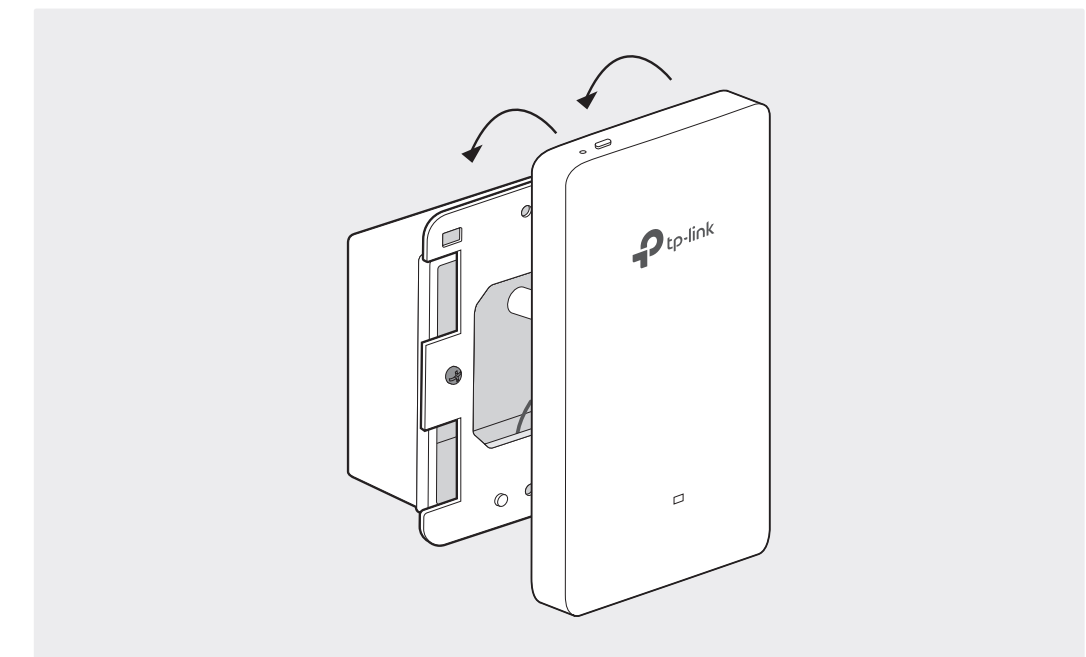
3. Connect the Ethernet cable inside the junction box to an RJ45 plug. Then connect the cable to the ETH0 (PoE IN) port. Position the Ethernet cable to ensure it is not strained.



Note:

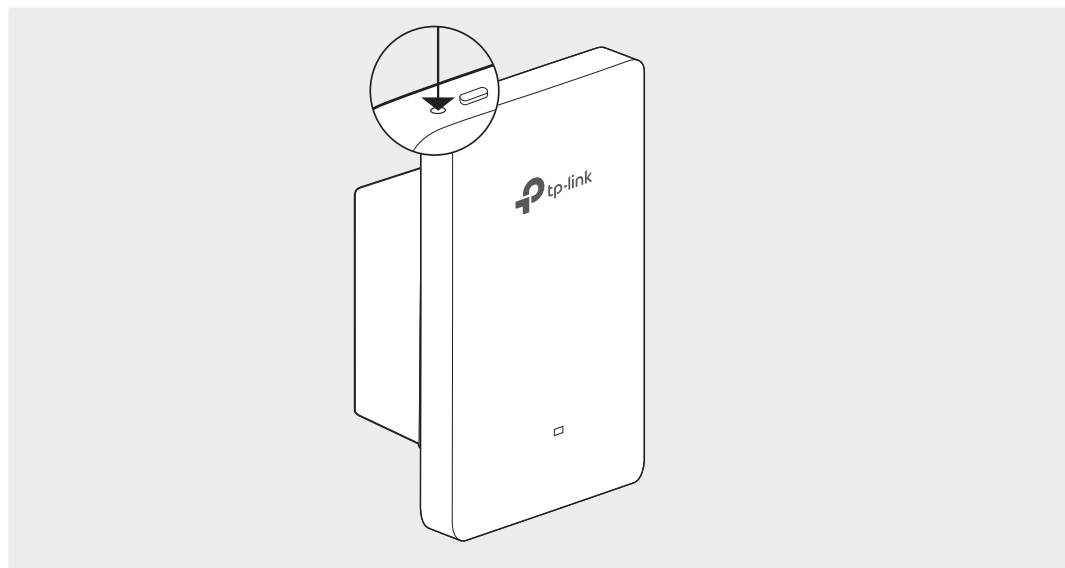
If the junction box does not have enough room to accommodate the EAP, replace the junction box with an open-end junction box or a deeper one.

4. Attach the EAP to the mounting bracket by aligning the two mounting studs on the mounting bracket with the large opening of the slots on the EAP. Press and slide the EAP down until it locks into place.



Tip:

To remove the EAP from the mounting bracket, insert a paper clip into the hole next to the LED button to release the Locking Tab. Slide the EAP upwards and pull it out to detach it from the mounting bracket, as shown below.



4 Software Configuration

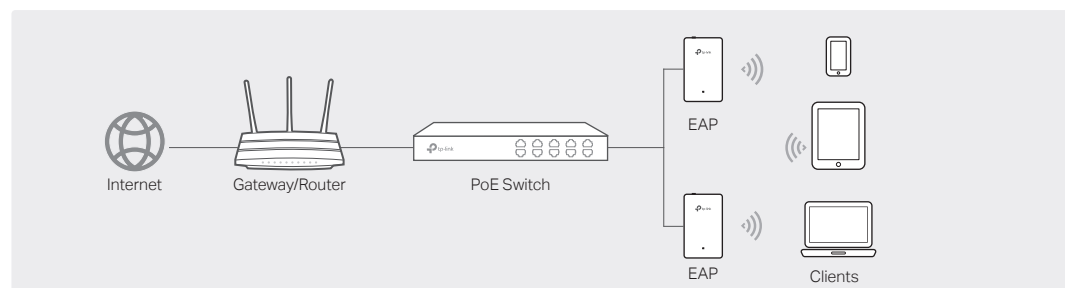
Method 1: Standalone Mode

To configure and manage EAPs separately (Convenient for a small network with only a few devices)

Method 2: Controller Mode

To configure and manage EAPs in batches on a central platform, namely Omada Controller.

Method 1: Standalone Mode



- Note:**
- Before you start, be sure to **power up** and **connect** your devices according to the topology figure.
 - A DHCP server (typically a gateway/router with DHCP function enabled) is required to assign IP addresses to the EAPs and clients in your local network.

Via Omada App

1. Download the TP-Link Omada App on your mobile device. It can be downloaded from App Store or Google Play:



2. Connect your mobile device to the EAP by using the default SSID printed on the label at the bottom of the product.
3. Open the Omada App, go to the **Standalone Mode > EAPs** page, and wait for the EAP to appear. Tap on the EAP to configure it.

The Omada App is designed to help you quickly configure common settings. If you want to configure advanced settings, log in to the web page of your EAP or the controller.

Via a Web Browser

1. Connect wirelessly by using the default SSID printed on the label at the bottom of the product.
2. Launch a web browser and enter <http://tplinkeap.net> in the address bar. Use **admin** for both Username and Password to log in.
3. Set up a new Username and Password for secure management purpose. Then you can configure the EAP.

To configure other EAPs, connect your device to each EAP by the corresponding default SSID and repeat the steps listed above. You can configure some basic functions in Standalone Mode. If you want to configure advanced functions, use Controller Mode.

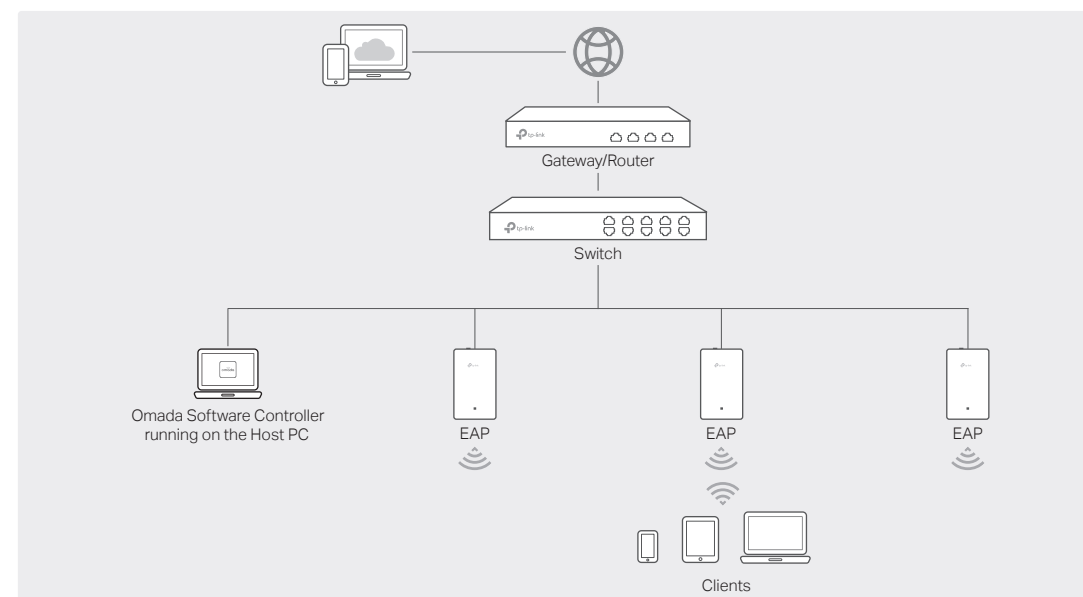
Method 2: Controller Mode

Choose from the following types of Omada Controller:

Type 1: Omada Software Controller

On a PC with Windows OS or Linux OS, download the software controller from <https://www.tp-link.com/support/download/omada-software-controller/>. Then run the file and follow the wizard to install and launch the controller.

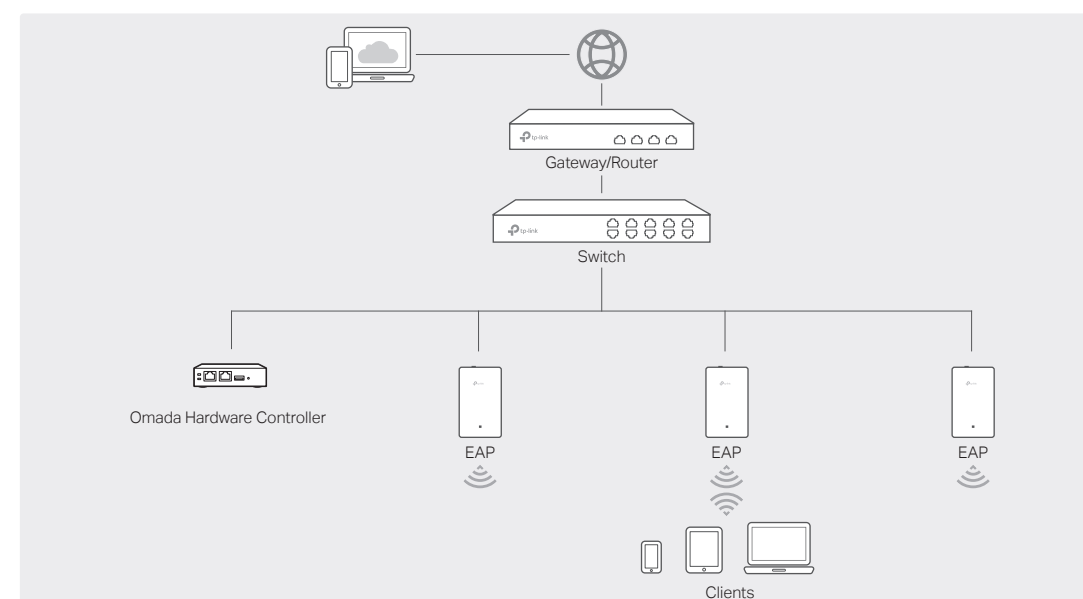
To manage your devices, the software controller needs to keep running on your computer.



Type 2: Omada Hardware Controller

If you have no spare PC to keep running the software controller in the network, you can purchase the hardware controller.

For more details, refer to the Installation Guide of your hardware controller.



Note:

- Before you start, be sure to **power up** and **connect** your devices according to the topology figure.
- A DHCP server (typically a gateway/router with DHCP function enabled) is required to assign IP addresses to the EAPs and clients in your local network.
- The controller must have network access to your Omada devices (the gateway/router, switch, and EAPs) in order to find, adopt, and manage them.

Via Omada App

1. Download the TP-Link Omada App on your mobile device. It can be downloaded from App Store or Google Play:



2. Launch the Omada App and configure the controller at a local site or remote site.

- Local Management
 - a. Connect your mobile device to the EAP by using the default SSID printed on the label at the bottom of the product.
 - b. Launch the Omada App and go to **Local Access**, tap the + button on the upper-right corner to add the controller. Then you can launch the controller to adopt and manage devices.

Remote Management

Note: Before you start, make sure that both your controller and mobile device can access the internet.

- * For Omada Software Controller
 - a. Make sure that **Cloud Access** is enabled on your controller and your controller has been bound with your TP-Link ID.
 - b. Launch the Omada App and log in with your TP-Link ID. Then go to **Cloud Access**. A list of controllers that have been bound with your TP-Link ID will appear. Then you can launch the controller to adopt and manage devices.
- * For Omada Hardware Controller
 - a. Make sure that **Cloud Access** is enabled on your controller. By default, **Cloud Access** is enabled. Make sure that the Cloud LED is flashing slowly.
 - b. Launch the Omada App and log in with your TP-Link ID. Then go to **Cloud Access**. Tap the + button on the upper-right to add your controller. Then you can launch the controller to adopt and manage devices.

Via Web Browser

1. Open the Omada Controller's web page.
 - * For Omada Software Controller

Launch the Omada Software Controller on your PC. After the initiation process, the controller automatically opens its web page. If not, click **Launch**.
 - * For Omada Hardware Controller

Find the IP address of your controller on the gateway/router's DHCP client list. Launch a web browser and enter the IP address of your controller in the address bar to open its web page.
2. On the controller's web page, follow the wizard to complete the quick setup.
3. After the quick setup, the login page appears. Then you can launch the controller to adopt and manage devices.
4. (For Remote Management) You can remotely access and manage your controller via Omada Cloud Service.

Note: Before you start, make sure that both your controller and your PC can access the internet.

 - * For Omada Software Controller
 - a. Make sure that **Cloud Access** is enabled on your controller and your controller has been bound with your TP-Link ID. On the Omada Controller's web page, go to **Settings > Cloud Access** to enable Cloud Access and bind your TP-Link ID. If you have set it up in the quick setup, skip this step.
 - b. Launch a web browser and enter <https://omada.tplinkcloud.com> in the address bar. Enter your TP-Link ID and password to log in. A list of controllers that have been bound with your TP-Link ID will appear. Then you can launch the controller to adopt and manage devices.
 - * For Omada Hardware Controller
 - a. Make sure that **Cloud Access** is enabled on your controller. By default, **Cloud Access** is enabled. Make sure that the Cloud LED is flashing slowly.
 - b. Launch a web browser and enter <https://omada.tplinkcloud.com> in the address bar. Enter your TP-Link ID and password to log in. Click + **Add Controller** and choose **Hardware Controller** to add your controller. Then you can launch the controller to adopt and manage devices.

For detailed configurations, refer to the User Guides of the controller and EAPs. The guides can be found on the download center of our official website: <https://www.tp-link.com/support/download/?type=smb>.

To ask questions, find answers, and communicate with TP-Link users or engineers, please visit <https://community.tp-link.com/business> to join TP-Link Community.

For technical support, the user guide and other information, please visit <https://www.tp-link.com/support/?type=smb>, or simply scan the QR code.



Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011/65/EU and (EU) 2015/863.

The original EU Declaration of Conformity may be found at <https://www.tp-link.com/en/support/ce/>

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca/>

