Installation Guide

Gigabit VPN Gateway

Images may differ from the actual product.

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More Resources

Main Site	https://www.omadanetworks.com/
Video Center	https://support.omadanetworks.com/video/
Documents	https://support.omadanetworks.com/document/
Product Support	https://support.omadanetworks.com/product/
Technical Support	https://support.omadanetworks.com/contact-support/

Warranty

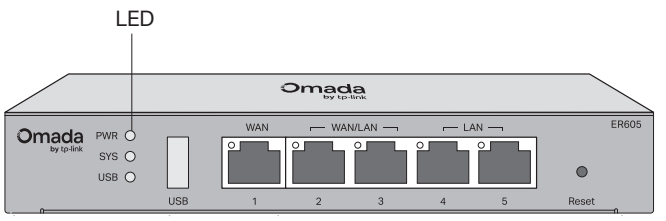
For details on the warranty period, policy, and procedures, visit **https://support.omadanetworks.com/warranty-services/**.

Support

For technical support, user guides, and other information, please visit **https://support.omadanetworks.com/**, or simply scan the QR code.

1 Hardware Overview

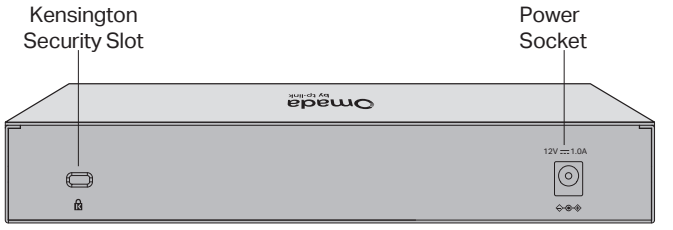
▪ Front Panel



Interface	Description
USB	USB 2.0 port for USB modem and USB storage device.
WAN	Gigabit RJ45 WAN port.
WAN/LAN (Port 2&3)	Gigabit RJ45 WAN/LAN ports. By default, they are LAN ports connecting to local PCs or switches. You can configure each port to a WAN port on the management page.
LAN (Ports 4&5)	For connecting to local PCs or switches.
Kensington Security Slot	Secure the lock (not provided) into the security slot to prevent the device from being stolen.
Power Socket	Connect to the power outlet via the provided power adapter.

- **Reset:** Press and hold the button for 5 seconds, the SYS LED will flash quickly, indicating the device is being reset to its factory default settings.

▪ Back Panel



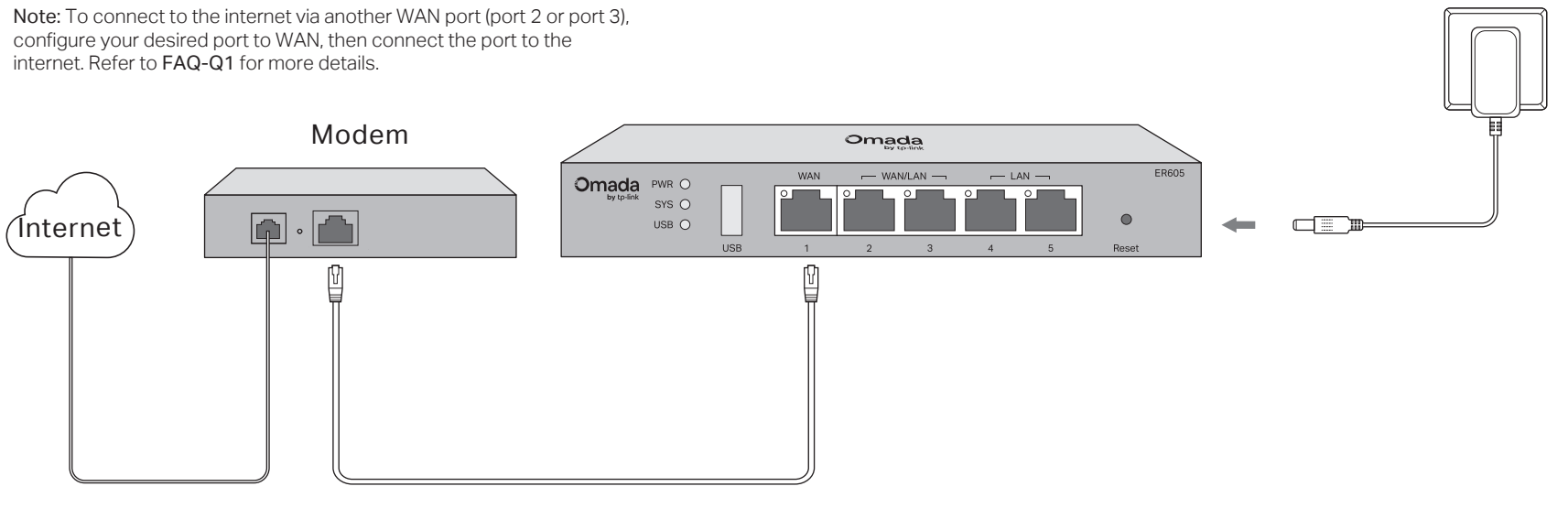
LED	Indication
PWR	**On:** Power on. **Off:** Power off.
SYS	**Flashing:** System running normally **On/Off:** System running abnormally
USB	**On:** Connecting to a USB device **Off:** No USB device connected **Flashing:** Identifying the connected device
Link/Act	**On:** Connecting to a device but no activity **Off:** No device connected to the corresponding port **Flashing:** Transmitting or receiving data

2 Hardware Connection

1 Connect the modem to the gateway's **WAN Port 1** with an Ethernet cable.

Note: To connect to the internet via another WAN port (port 2 or port 3), configure your desired port to WAN, then connect the port to the internet. Refer to **FAQ-Q1** for more details.

2 Use the charger provided in the package to power on the gateway.



3 Software Configuration

The gateway supports two configuration options:

- Standalone Mode: Configure and manage the gateway by itself.
- Controller Mode: Configure and manage network devices centrally. This is recommended for large-scale networks, which consist of a large number of Omada devices such as access points, switches and gateways.

Note:
1. When the gateway is managed by a controller, configurations of the gateway will be overridden by the controller.
2. For detailed configurations, refer to the User Guide of the gateway and the controller. The guides can be found at **https://support.omadanetworks.com/document/**.

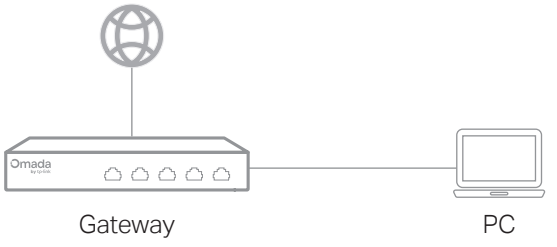
Option 1: Standalone Mode

1. Connect a computer to a LAN port of the gateway with an RJ45 cable properly.

   Note: If your computer is configured with a fixed IP, change it to **Obtain an IP address automatically**.

2. Launch a web browser, enter **https://omadaer.net**, and then follow the web instructions to complete the quick setup.

   Note: Ensure that the ports you select as WAN ports align with the actual setup.

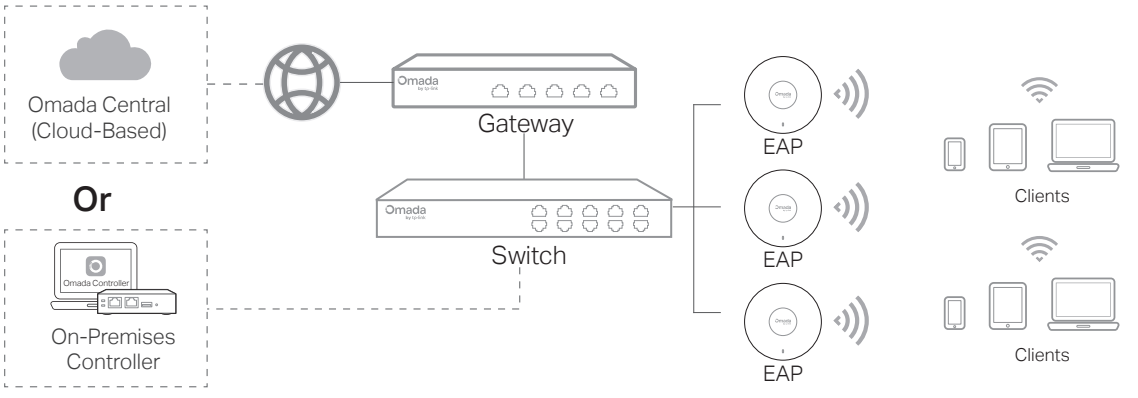


Option 2: Controller Mode

Note: The Omada Controller must have network access to your Omada devices in order to find, adopt, and manage them.

To set up an Omada gateway with an Omada Controller, scan the QR code or refer to the Omada Controller configuration guide at **https://www.omadanetworks.com/support/faq/4096/**.

Scan for Controller Configuration Guide



Omada App

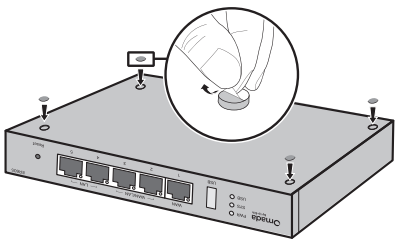
With the TP-Link Omada app, you can access and manage your Omada devices at a local site or remotely with a tap of your phone. You can download and install the TP-Link Omada app from the App Store or Google Play.

Download on the App Store
GET IT ON Google Play
or
Scan for Omada App
Download Omada App

4 Installation

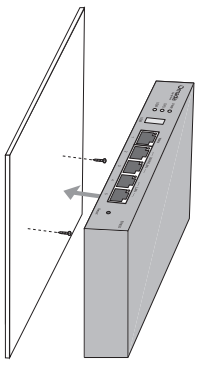
Option 1: Desktop Installation

1. Remove the adhesive covers from the rubber feet.
2. Turnover the device and attach the supplied rubber feet to the bottom of the device to prevent it from slipping when placed on a desktop.
3. Place the device on a flat table.



Option 2: Wall Mounting

1. Drill two holes on the wall according to the mounting holes on the bottom.
2. Secure the gateway to the wall with two suitable screws (not provided).



Frequently Asked Questions (FAQ)

Q1. What should I do if I want to change the mode of the WAN/LAN ports?

Follow the steps:

1. (Recommended) Refer to the Interface Description table of this guide for the default mode of the WAN/LAN ports.

2. Connect a computer to a LAN port of this gateway. If your computer is configured with a fixed IP address, change it to **Obtain an IP address automatically**.

3. Log in to this gateway's management page at **https://omadaer.net or the controller's management page**. Go to **Network > WAN > WAN Mode**, change the mode of the WAN/LAN ports by ticking the checkboxes, and click **Save**.

Q2. What should I do if I need to connect Omada Gateway to a modem gateway?

Check the LAN IP address of the modem gateway first. If the LAN IP address of the modem gateway is the same as the default LAN IP address of Omada Gateway, follow the steps to change the LAN IP address of Omada Gateway:

1. Connect a computer to a LAN port of Omada Gateway. If your computer is configured with a fixed IP address, change it to **Obtain an IP address automatically**.

2. Log in to Omada Gateway's management page at **https://omadaer.net or the controller's management page**, and go to **Network > LAN > LAN**. In the **Network List** section, change the IP address to a non-conflicting IP address, such as 192.168.1.1, and click **OK**.

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 damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.
- Place the device with its bottom surface downward.
- Use only power supplies listed in the user instructions. Refer to the User Manual on the product support page.

EU Declaration of Conformity

TP-Link hereby declares that the gateway is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC, 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/.

UK Declaration of Conformity

TP-Link hereby declares that the gateway is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

The original UK declaration of conformity may be found at https://www.tp-link.com/support/ukca/