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› Tenda AX1800 WiFi 6 Range Extender (Model A27) User Manual

Tenda A27

Tenda AX1800 WiFi 6 Range Extender (Model A27) User Manual

Brand: Tenda | Model: A27

1. PRODUCT OVERVIEW

The Tenda A27 is a Wi-Fi 6 range extender designed to expand wireless coverage in larger homes. It supports dual-band speeds up to 1201 Mbps on 5GHz and 574 Mbps on 2.4 GHz, offering enhanced Wi-Fi performance compared to Wi-Fi 5 extenders. Equipped with two 5dBi high-gain dual-band antennas, the A27 significantly boosts Wi-Fi signal reception and coverage. It features a Wi-Fi+ function for building a whole-home mesh network with compatible Tenda Wi-Fi routers. The A27 also includes an automatic pop-up setting page for easy configuration and a smart LED indicator to help optimize placement. An external Gigabit Ethernet port allows for wired connections to devices such as smart TVs, PCs, set-top boxes, and gaming consoles, increasing its versatility.

Enjoy Ultra-fast **Wi-Fi 6**

The dual-band speed can reach 1775Mbps and 20% faster than the AX1500, which can greatly improve the Internet experience.

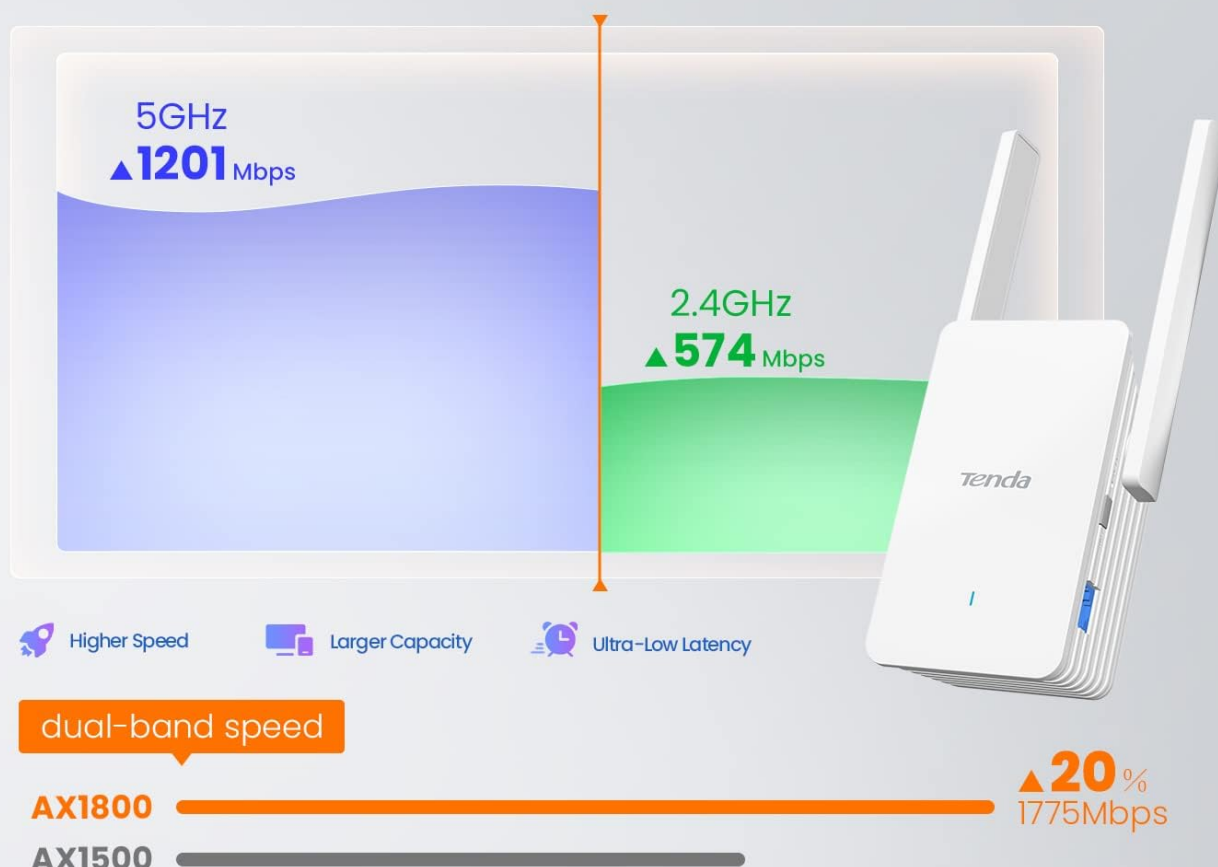


Image: Front view of the Tenda AX1800 WiFi 6 Range Extender (Model A27).

2. WHAT'S IN THE BOX

- 1 * AX1800 Wi-Fi 6 Extender
- 1 * Quick Installation Guide

3. KEY FEATURES

- **Ultra-fast Wi-Fi 6 Technology:** Dual-band speeds up to 1775Mbps (574 Mbps on 2.4 GHz and 1201 Mbps on 5GHz) for improved network experience.
- **2*5dBi Dual-band Antennas:** High-gain antennas enhance Wi-Fi 6 signal reception and coverage throughout your home.
- **Intelligent LED Indicator:** Smart LED indicators assist in finding the optimal location for Wi-Fi bridge and signal extension.
- **Gigabit Ethernet Port:** An external RJ45 Gigabit port provides faster wired connections for devices like set-top boxes, smart TVs, PCs, and PS4s.

- **Smart Band Selection:** Unifies both signal bands, automatically choosing the best band for a smooth, high-speed internet connection.

Enjoy **Ultra-fast Wi-Fi 6**

A27 supports the latest Wi-Fi6 technology. The dual-band concurrent speed can reach 1775Mbps and 20% faster than the AX1500, which can greatly improve the Internet experience.

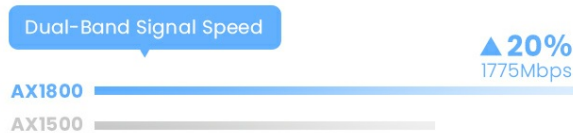
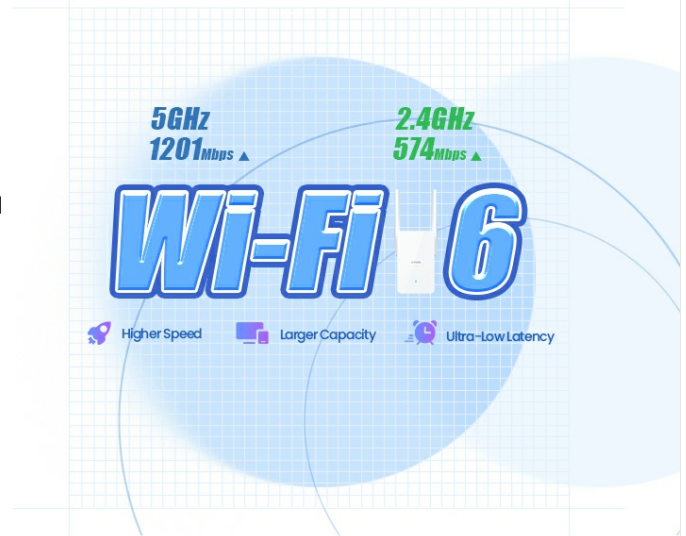


Image: Illustration of Tenda A27's dual-band Wi-Fi 6 speeds (1201 Mbps on 5GHz, 574 Mbps on 2.4GHz).

2 * 5dBi Dual-Band Antennas

The 2 external antennas increase Wi-Fi coverage to every corner of your home.



Image: Close-up of the Tenda A27 highlighting its two 5dBi dual-band antennas.

4. SETUP AND INSTALLATION

The Tenda A27 offers two methods for easy installation:

Method 1: Web UI Setup

1. Plug the A27 extender into a power outlet.
2. Connect your mobile phone or PC to the extender's Wi-Fi signal (e.g., 'Tenda_EXT').
3. The setting page will automatically pop up. Follow the on-screen instructions to set up your extender, including creating a login password and selecting the working mode.

Method 2: WPS Button Setup

1. Plug the A27 extender into a power outlet near your main router.
2. Press the WPS button on your main router.

3. Within 2 minutes, press the WPS button on the A27 extender.
4. When the Signal indicator light on the extender turns steady blue or yellow, the bridge pairing is successful.

Easy Installation in One Step



Method 1

After the mobile phone or PC device is connected to the extender signal, the setting page will automatically pop up, making the setting more easy and convenient.

Method 2

After pressing the WPS button of the router, press the WPS button of the extender within 2 minutes. When the Signal indicator light is steady blue or yellow, it means that the bridge pairing has been successful.

Image: Visual guide demonstrating both Web UI and WPS button installation methods for the Tenda A27.

Video: Official Tenda video demonstrating the setup and features of the AX1800 Wi-Fi 6 Range Extender (Model A27).

5. OPERATING INSTRUCTIONS

Extending Wi-Fi Coverage

Once successfully set up, the Tenda A27 will extend your existing Wi-Fi network. Devices connected to the extender will automatically switch between the 2.4GHz and 5GHz bands for optimal performance, ensuring a stable and fast connection throughout your home.

Eliminate Wi-Fi Dead Zone

A27 equipped with two high-gain dual-band antennas, which can greatly boost the Wi-Fi 6 signal coverage at home so that you can enjoy high-speed Internet throughout the house.



Image: Diagram showing the Tenda A27 extending Wi-Fi coverage to eliminate dead zones in a multi-story home.

Access Point (AP) Mode

The A27 can also function as an Access Point. In AP mode, you can plug an Ethernet cable from your router into the A27's Gigabit port. The extender will then convert this wired connection into a high-speed dual-band wireless signal, creating a new Wi-Fi hotspot.

Built-in **Access Point Mode**

Simply plug an Ethernet cable into its port to easily turn that wired connection into a high-speed dual-band wireless signal.



Image: Illustration of the Tenda A27 in Access Point mode, connected via Ethernet to provide Wi-Fi.

Gigabit Port Usage

The external Gigabit Ethernet port (RJ45) allows you to connect wired devices such as desktop computers, gaming consoles (e.g., PS4), smart TVs, or network-attached storage (NAS) directly to the extender for a stable and high-speed connection.

More Possibilities with **Gigabit Port**

External gigabit port provides faster cable connection for set-top box, smart TV, PC, PS4, and other devices.



Image: Diagram showing the Gigabit Ethernet port on the Tenda A27 and its connectivity to devices like 4K HDTVs, game consoles, laptops, and printers.

6. LED INDICATORS

The intelligent LED indicator on the Tenda A27 helps you determine the optimal placement for your extender to achieve the best signal extension quality. Observe the LED color after setup:

- **Blue:** Good connection. The extender is in an ideal location.
- **Orange/Yellow:** Normal connection. The extender is connected but could be closer to the router for better performance.
- **Red:** Too far away from the router. Move the extender closer to your main router.

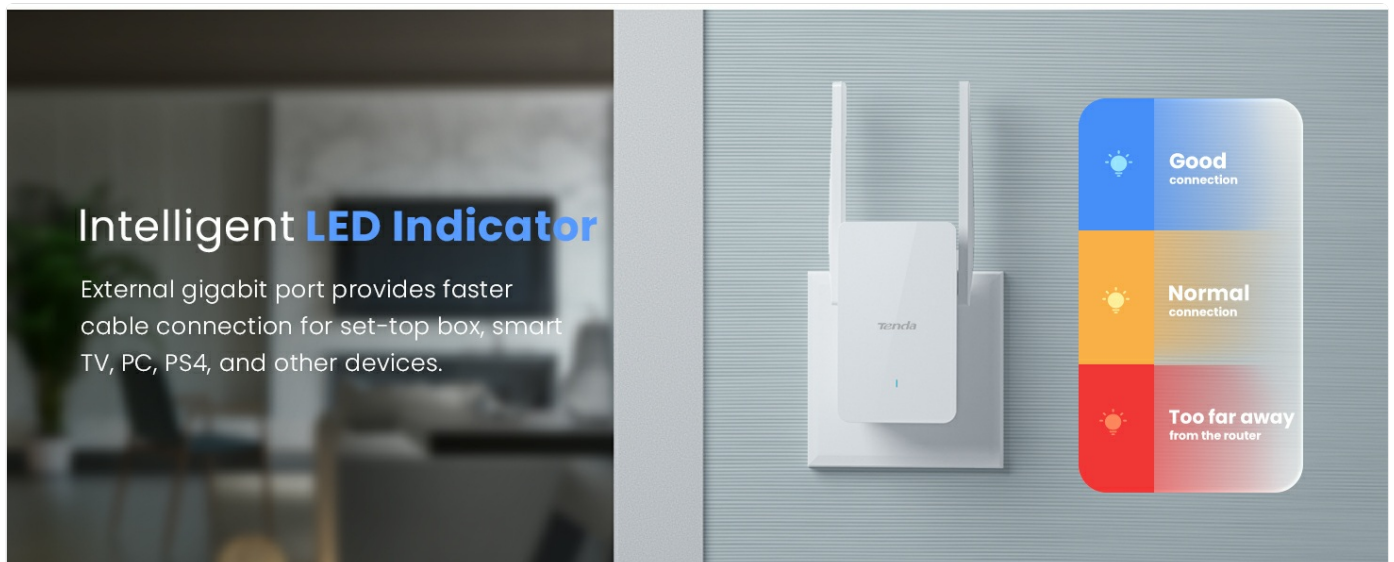


Image: Visual guide explaining the meaning of the Tenda A27's LED indicator colors (blue for good, orange for normal, red for too far).

7. MAINTENANCE

To ensure optimal performance and longevity of your Tenda A27 Wi-Fi 6 Range Extender, consider the following maintenance tips:

- **Firmware Updates:** Regularly check the Tenda official website for firmware updates. Updates can improve performance, add new features, and enhance security.
- **Placement:** Ensure the extender is placed in a well-ventilated area, away from direct sunlight, heat sources, and obstructions that could block Wi-Fi signals.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners.
- **Restart:** If you experience network issues, try restarting the extender by unplugging it from the power outlet for 10 seconds and then plugging it back in.

8. TROUBLESHOOTING

If you encounter issues with your Tenda A27, try the following troubleshooting steps:

- **No Internet Access:**
 - Check if your main router has internet access.
 - Verify the extender's LED indicator. If red, reposition the extender closer to the router.
 - Ensure the extender is properly configured (refer to Section 4: Setup and Installation).
- **Weak Signal or Slow Speed:**
 - Relocate the extender to a position where the LED indicator shows blue or orange.
 - Minimize physical obstructions (walls, large appliances) between the extender and your devices.
 - Ensure your devices support Wi-Fi 6 for optimal speeds.
- **Cannot Connect to Extender's Wi-Fi:**
 - Confirm you are selecting the correct Wi-Fi network name (SSID) for the extender.
 - Double-check the Wi-Fi password.
 - Restart both your main router and the extender.
- **Resetting the Extender:** If problems persist, you may need to reset the extender to factory default settings. Locate the reset button (usually a small pinhole) on the device, press and hold it for about 8-10 seconds until the LEDs flash, then release.

After resetting, you will need to reconfigure the extender.

9. SPECIFICATIONS

Feature	Detail
Brand	Tenda
Model Number	A27
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Data Transfer Rate	Up to 1775 Mbps (1201 Mbps on 5GHz, 574 Mbps on 2.4 GHz)
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Antennas	2 * 5dBi Dual-band Antennas
Special Features	Access Point Mode, MU-MIMO, Smart LED Indicator
Compatible Devices	Personal Computer, Smart TV, Gaming Consoles, etc.
Connector Type	RJ45 Gigabit Ethernet Port
UPC	885397274070

10. WARRANTY INFORMATION

Warranty information for the Tenda AX1800 WiFi 6 Range Extender (Model A27) is not available in the provided product details. Please refer to the official Tenda website or contact Tenda customer support for specific warranty terms and conditions.

11. SUPPORT

For further assistance, technical support, or to access additional resources for your Tenda AX1800 WiFi 6 Range Extender (Model A27), please visit the official Tenda website or their Amazon store:

- [Visit the Tenda Store on Amazon](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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