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Linksys E1700-FFP

Linksys N300+ Wireless Router (E1700-FFP) User Manual

Model: E1700-FFP | Brand: Linksys

1. Product Overview

The Linksys N300 Wi-Fi Router (E1700) offers high-quality speed and range with Wireless-N technology. It is designed to provide optimal speed, range, and reliability for modern computers, wireless printers, and other Wi-Fi-enabled devices. This router delivers speeds up to 300 Mbps, suitable for simultaneous streaming of HD video, digital music playback, online gaming, and more.

Equipped with two adjustable external antennas, the N300 Router ensures reliable coverage and leverages MIMO technology, a core component of the Wireless-N standard, to enhance coverage capabilities and minimize dead zones throughout your home, maximizing your wireless network's potential.

Key Features:

- Speeds up to N300 Mbps for a powerful wireless network.
- Flexible placement options to optimize antenna position for optimal range and performance.
- Four Gigabit Ethernet ports providing 10x faster transfer rates than standard Ethernet for photos, video, and data files.
- WPA/WPA2 encryption and SPI firewall for robust network security.
- Two detachable, adjustable antennas for enhanced signal coverage and flexibility.

2. Package Contents

Verify that your package contains the following items:

- Linksys N300+ Wireless Router (E1700-FFP)
- Two detachable, adjustable antennas
- Power Adapter
- Ethernet Cable
- Quick Start Guide (or CD-ROM with setup software)

3. Setup Guide

3.1. Physical Connection

Follow these steps to connect your router:

1. Connect the power adapter to the router's power port and plug it into an electrical outlet.
2. Connect one end of the provided Ethernet cable to the Internet (WAN) port on the router and the other end to your modem's Ethernet port.
3. Connect another Ethernet cable from one of the router's numbered Gigabit Ethernet ports (1-4) to your computer's Ethernet port. This connection is temporary for initial setup.
4. Attach the two adjustable antennas to the designated ports on the rear of the router.



Image: Top-down view of the Linksys E1700-FFP N300+ Wireless Router, showing its sleek black design and the Linksys E1700 branding on the top surface.

3.2. Initial Configuration (Web Interface)

To configure your router, use a web browser:

1. Open a web browser (e.g., Chrome, Firefox, Edge) on the computer connected to the router.
2. In the address bar, type **http://192.168.1.1** and press Enter.
3. If prompted, enter the default username (often blank or 'admin') and password ('admin'). Refer to the router's label or quick start guide for exact default credentials.
4. Follow the on-screen setup wizard to configure your Internet connection type (e.g., DHCP, Static IP, PPPoE) and set up your wireless network name (SSID) and password.

3.3. Wireless Network Setup

After initial setup, you can customize your wireless network:

- Navigate to the Wireless settings section in the router's web interface.
- Change the Wireless Network Name (SSID) to a unique name for easy identification.
- Select a strong security mode, preferably **WPA2 Personal (AES)**, and set a strong password (passphrase) for your wireless network.
- Save your settings. Your wireless network will now be secured.

4. Operating Instructions

4.1. Wireless Network Management

Once your wireless network is set up, devices can connect to it. You can manage settings such as:

- **Changing SSID and Password:** Access the router's web interface (192.168.1.1) and navigate to the Wireless section to modify your network name or password.
- **Guest Access:** If available, enable a separate guest network for visitors, keeping your main network secure.
- **MAC Filtering:** Restrict network access to specific devices based on their MAC addresses for enhanced security.

4.2. Gigabit Ethernet Ports

The Linksys E1700-FFP router features four Gigabit Ethernet ports (10/100/1000 Mbps). These ports provide high-speed wired connections for devices such as:

- Desktop computers
- Gaming consoles
- Network Attached Storage (NAS) devices
- Smart TVs or media players

Connecting devices via Ethernet offers maximum speed and stability, ideal for bandwidth-intensive activities.

5. Maintenance

5.1. Firmware Updates

Regularly check for and install firmware updates for your router. Firmware updates often include performance improvements, security patches, and new features. Visit the official Linksys support website for your model (E1700-FFP) to download the latest firmware and follow the provided instructions for updating.

5.2. Regular Reboot

Periodically rebooting your router can help maintain optimal performance and resolve minor network issues. It is recommended to power cycle your router at least once a month by unplugging it from the power outlet for 10-15 seconds, then plugging it back in.

6. Troubleshooting

6.1. Common Issues and Solutions

- **No Internet Connection:**
  - Check all cable connections between the modem, router, and computer.
  - Verify the status lights on both your modem and router. Refer to their respective manuals for light indicators.
  - Power cycle your modem and router: Unplug both from power, wait 30 seconds, plug in the modem first, wait for it to fully boot, then plug in the router.
- **Slow Internet Speed:**
  - Ensure your router's firmware is up to date.
  - Check for wireless interference from other devices (cordless phones, microwaves).
  - Try connecting a device directly to the modem to rule out the router as the cause.
  - Perform a regular reboot of the router.
- **Cannot Access Router Setup Page (192.168.1.1):**
  - Ensure your computer is connected to the router via Ethernet or Wi-Fi.
  - Verify that your computer's IP settings are set to obtain an IP address automatically (DHCP).
  - Try a different web browser or clear your browser's cache.

6.2. Factory Reset

If you encounter persistent issues or forget your router's password, you can perform a factory reset. This will revert all settings to their default values.

- Locate the small red reset button on the bottom or back panel of the Linksys E1700-FFP router.
- With the router powered on, use a paperclip or a similar pointed object to press and hold the reset button for approximately 10 seconds.
- Release the button. The router will reboot, and its lights will flash.
- After the router reboots, it will be restored to its factory default settings, and you will need to reconfigure it using the initial setup steps.

7. Technical Specifications

Feature	Specification
Brand	Linksys

Feature	Specification
Model Name	E1700-FFP
Wireless Type	802.11bgn
Frequency Band Class	Dual-Band (N300)
Connectivity Technology	Wi-Fi, Ethernet
Ethernet Ports	4 x Gigabit Ethernet (10/100/1000 Mbps)
Antennas	Two detachable, adjustable external antennas
Security Features	WPA/WPA2 encryption, SPI firewall
Special Feature	WPS (Wi-Fi Protected Setup)
Item Weight	7.5 ounces (approx. 212 grams)
Product Dimensions (LxWxH)	7.44 x 5.98 x 1.2 inches (approx. 18.9 x 15.2 x 3.0 cm)
Operating System Compatibility	Windows 7, Mac OS (and newer versions)
Date First Available	September 3, 2014

8. Warranty and Support

The Linksys N300+ Wireless Router (E1700-FFP) is covered by a manufacturer's limited warranty. For specific warranty terms, duration, and conditions, please refer to the warranty card included with your product or visit the official Linksys support website.

For technical assistance, troubleshooting guides, firmware downloads, and frequently asked questions, please visit the Linksys support portal. You can typically find support resources by searching for your model number (E1700-FFP) on their website.

Always ensure you are using official Linksys support channels for accurate and reliable information.

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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.

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