

eero PoE 6 Wi-Fi 6 Access Point Instruction Manual

Brand: eero

1. INTRODUCTION TO EERO PoE 6

The eero PoE 6 is a high-performance, dual-band Wi-Fi 6 access point designed for professional installations. It offers robust Wi-Fi coverage and is powered via Power over Ethernet (PoE), eliminating the need for a separate power adapter. This device is ideal for extending your network to support over 100 devices across large areas, such as up to 2,000 sq. ft. per unit.

This manual provides essential information for the installation, operation, and maintenance of your eero PoE 6 access point. Please read it thoroughly before proceeding with installation.



Our first ceiling/wall-mounted PoE Wi-Fi 6 access point.



Professional installation recommended.

Image: The eero PoE 6 device, a white square-shaped Wi-Fi access point.

2. PACKAGE CONTENTS

- One eero PoE 6 access point
- Mounting bracket
- Mounting accessories (screws, anchors)

Note: An AC adapter is not included as the device is designed for Power over Ethernet (PoE) installations. A compatible PoE switch or injector (802.3bt) is required and sold separately.

3. SETUP AND INSTALLATION

Professional installation is recommended for optimal placement and performance of the eero PoE 6. The device is designed for ceiling or wall mounting to maximize Wi-Fi coverage.

3.1 Power over Ethernet (PoE) Connection

The eero PoE 6 receives both power and data through a single Ethernet cable connected to a compatible PoE switch or injector. Ensure your network infrastructure supports 802.3bt PoE for proper operation.

Includes mounting bracket and PoE support for fast, simple installation.



Image: A person installing the eero PoE 6 onto a ceiling mount, showing the Ethernet cable connection.

3.2 Mounting the Device

The eero PoE 6 can be mounted on ceilings or walls. Use the provided mounting bracket and accessories for secure installation. Choose a central location to optimize Wi-Fi signal distribution.

Designed for ceiling/wall mounting to maximize coverage. Supports wireless speeds up to 1.6 Gbps.



Image: A person mounting the eero PoE 6 onto a ceiling. The device is being twisted into place on the bracket.

3.3 Initial Setup with the eero App

Once the eero PoE 6 is physically installed and powered via PoE, use the eero mobile app (available for iOS and Android) to complete the network setup. The app will guide you through the process of adding the new access point to your existing eero network or setting up a new one.

Sets up in minutes after PoE infrastructure installation.



Image: A smartphone displaying the eero app setup screen, indicating that an eero PoE 6 has been found.

4. OPERATING YOUR EERO NETWORK

The eero PoE 6 integrates seamlessly into your eero mesh Wi-Fi system, providing high-speed Wi-Fi 6 connectivity. eero's patented TrueMesh technology intelligently routes traffic to reduce drop-offs and dead spots, ensuring consistent performance.

4.1 Network Coverage and Capacity

Each eero PoE 6 unit provides up to 2,000 sq. ft. of coverage and can support over 100 connected devices, making it suitable for highly connected homes or small businesses. It supports wireless speeds up to 1.6 Gbps.

Supports 100+ devices with coverage up to 2,000 sq. ft.



Image: An illustration depicting a multi-story house with Wi-Fi coverage extending throughout, highlighting support for over 100 devices and up to 2,000 sq. ft. of coverage.

4.2 Network Topology Example

The eero PoE 6 can be integrated into various network configurations. A common setup involves connecting it to an eero PoE Gateway, which then connects to your modem or Fiber ONT. Multiple eero PoE 6 units can be deployed to expand coverage.

Suggested network topology.

Professional installation recommended.

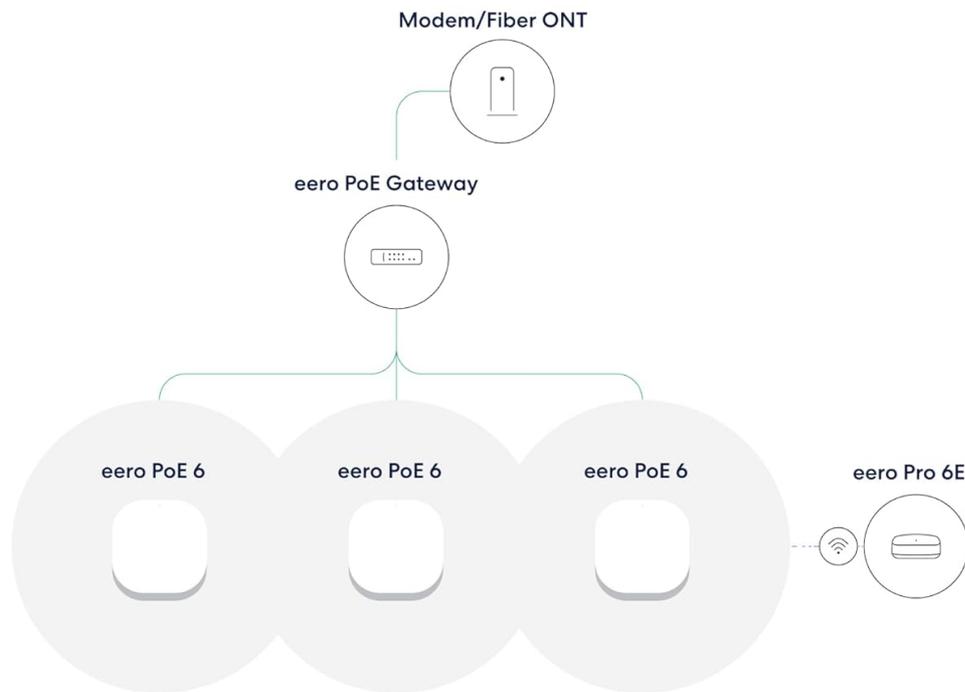


Image: A diagram illustrating a suggested network topology, showing a Modem/Fiber ONT connected to an eero PoE Gateway, which in turn connects to multiple eero PoE 6 units and an eero Pro 6E.

5. MAINTENANCE

Your eero PoE 6 receives automatic software updates to keep your network secure and performing optimally. No manual updates are typically required. Regularly check the eero app for network status and any notifications.

- **Automatic Updates:** eero devices automatically download and install software updates.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners.
- **Placement:** Ensure the device remains in a well-ventilated area, free from obstructions.

6. TROUBLESHOOTING

If you experience network issues, consider the following troubleshooting steps:

- **Check Connections:** Ensure the Ethernet cable is securely connected to both the eero PoE 6 and the PoE switch/injector.
- **Power Cycle:** Disconnect and reconnect the Ethernet cable from the eero PoE 6 to power cycle the device.
- **eero App:** Use the eero app to diagnose network issues, check device status, and restart your eero

network.

- **Internet Service:** Verify that your internet service provider (ISP) is not experiencing outages.
- **Interference:** Move the eero unit away from potential sources of interference such as microwaves, cordless phones, or large metal objects.

For further assistance, refer to the Warranty and Support section.

7. SPECIFICATIONS

Wi-Fi Standards	Wi-Fi 6 (IEEE802.11 a/b/g/n/ac/ax)
PoE Capability	Native PoE (802.3bt)
Number of Radios	2; dual-band
MIMO	2x2/2x2 MU/SU-MIMO
Spatial Streams	4
Channel Width	20, 40, 80, 160 MHz
AC Rating	AX3000
Ethernet Ports	One auto-sensing 2.5 gigabit, PoE-capable Ethernet port, one auto-sensing Gigabit Ethernet port
Peak PHY Rates	2.4 GHz: 574 Mbps, 5 GHz: 2402 Mbps
Processor	1 GHz dual-core processor
Memory	512MB RAM
Storage	4GB flash
Size	6.45 x 6.45 x 1.7 inches (163.8 x 163.8 x 43mm)
Weight	473g
Operating Temperature	32° to 104°F (0° to 40°C)
Electrical Requirement	PoE (802.3bt) or 100-240V AC, 50-60 Hz (AC adapter not included)
Smart Home Hub	Yes (Thread, Bluetooth Low Energy 5.0, Zigbee)
Works with Alexa	Yes

8. WARRANTY AND SUPPORT

The eero PoE 6 comes with a 1-year limited warranty. Free customer support is available 7 days a week.

- **Phone Support:** +1-877-659-2347
- **Email Support:** support@eero.com

- **Online Resources:** Visit eero.com for additional information, FAQs, and terms of service.

Use of eero is subject to the terms of service found on the eero website. Software security updates are provided automatically.