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## NETGEAR PL1010-100PAS

# NETGEAR Powerline 1000 Mbps Adapter User Manual

Model: PL1010-100PAS

### PRODUCT OVERVIEW

The NETGEAR Powerline 1000 Mbps adapter (PL1010-100PAS) extends your wired internet access using your home's existing electrical wiring. It is designed for connecting devices such as smart TVs, streaming players, and game consoles, providing speeds up to 1000 Mbps for HD video streaming and lag-free gaming. The device features Homeplug AV2 technology and includes Push-and-Secure for encrypted network connections.



Image: Two NETGEAR Powerline 1000 adapters, illustrating their compact design and the Ethernet port on the front of

one unit.

## WHAT'S IN THE BOX

- Two (2) Powerline 1000 Adapters (PL1010)
- Two (2) 2 meter (6.5 ft) Ethernet cables
- Quick start guide

## SETUP INSTRUCTIONS

Follow these steps to set up your NETGEAR Powerline 1000 adapters:

1. **Connect the First Adapter:** Plug one Powerline adapter into an electrical outlet near your internet router or modem. Use one of the provided Ethernet cables to connect this adapter to an available Ethernet port on your router/modem.

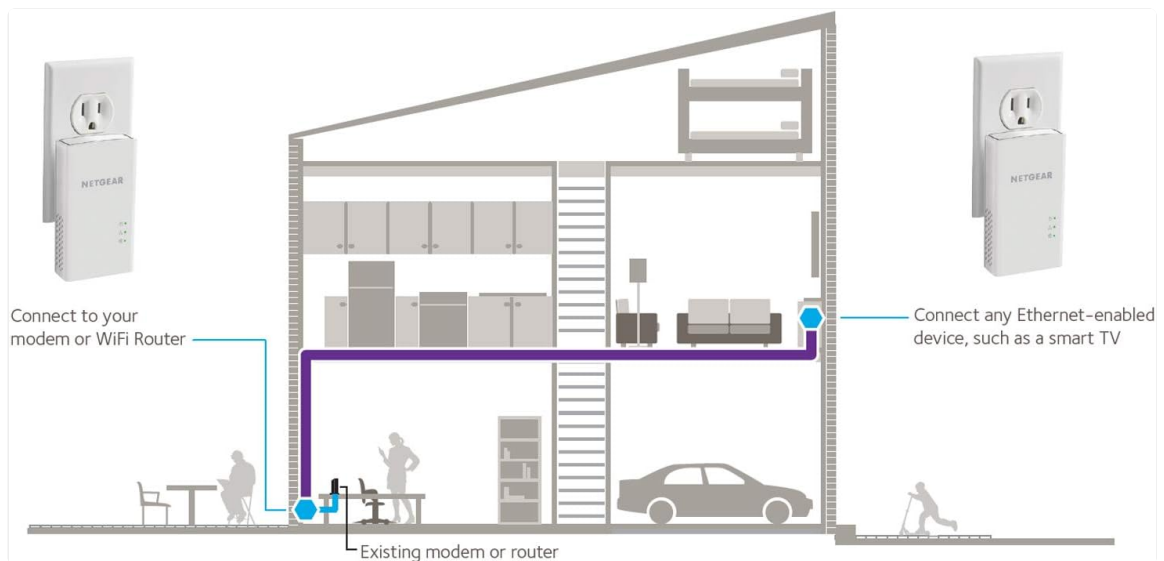


Image: A diagram illustrating how Powerline adapters extend internet access throughout a home using existing electrical wiring.

2. **Connect the Second Adapter:** Plug the second Powerline adapter into an electrical outlet in the room where you want to extend your internet connection. This should be in the same electrical circuit as the first adapter for optimal performance.





Image: A NETGEAR Powerline 1000 adapter plugged into a standard wall outlet, demonstrating its compact size when installed.

- 3. Connect Your Device:** Use the second Ethernet cable to connect your smart TV, game console, or computer to the Ethernet port on the second Powerline adapter.
- 4. Verify Connection:** Check the LED indicators on both adapters. The Power LED, Ethernet LED, and Powerline LED should all be solid green, indicating a successful connection and good performance. If the Powerline LED is amber or red, refer to the "Troubleshooting" section.

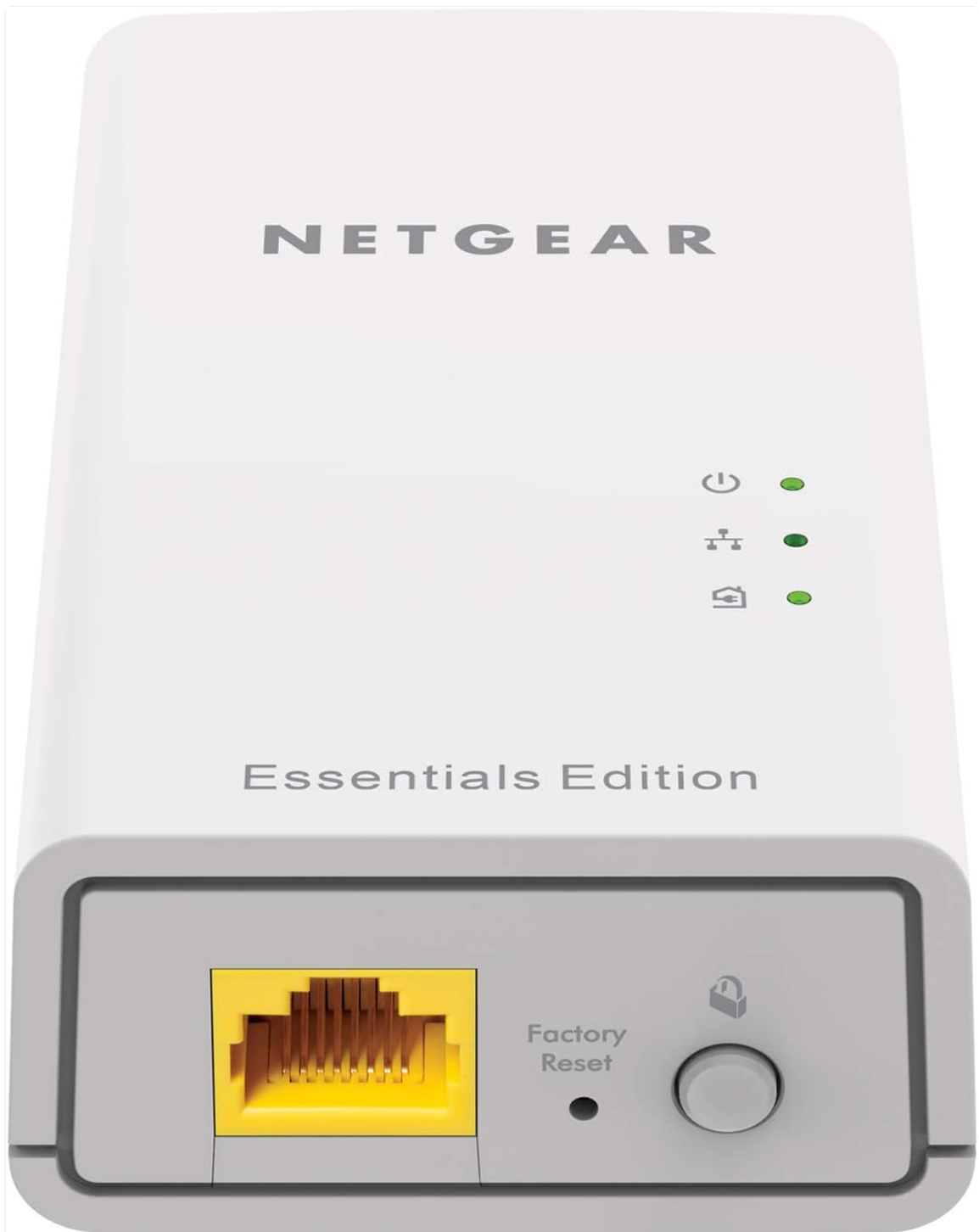


Image: Front view of the Powerline adapter, highlighting the Ethernet port and the three status LEDs (Power, Ethernet, Powerline).

- 5. Secure the Network (Optional):** To encrypt your Powerline network connection, press the Security button on the side of one adapter for two seconds, then within two minutes, press the Security button on the second adapter for two seconds. The Powerline LED will blink during this process and turn solid green when secured.

## Setup Video Guide

Your browser does not support the video tag.

Video: An official NETGEAR video demonstrating the setup and benefits of Powerline adapters, including a speed comparison and optimal placement tips.

## OPERATING THE POWERLINE ADAPTERS

Once set up, your Powerline adapters operate automatically. They create a high-speed network connection

over your home's electrical wiring. No further configuration is typically required for daily use.

- **Power LED:** Indicates if the adapter is powered on.
- **Ethernet LED:** Indicates an active Ethernet connection to a device (e.g., router, computer).
- **Powerline LED:** Indicates the quality of the Powerline connection:
  - Green: Best performance (greater than 80 Mbps)
  - Amber: Better performance (50-80 Mbps)
  - Red: Good performance (less than 50 Mbps)
  - Blinking: Security pairing in progress
  - Off: No Powerline connection detected

## MAINTENANCE

The NETGEAR Powerline 1000 adapters require minimal maintenance. Keep the adapters in a well-ventilated area and avoid covering them to prevent overheating. Do not plug them into power strips, surge protectors, or extension cords, as this can degrade performance.

## TROUBLESHOOTING

- **No Powerline Connection (Powerline LED Off):**
  - Ensure both adapters are plugged directly into wall outlets.
  - Verify both adapters are on the same electrical circuit.
  - Try different outlets.
  - Reset the adapters by unplugging them for 10 seconds and plugging them back in.
- **Slow Performance (Powerline LED Red or Amber):**
  - Move adapters to different wall outlets to find a better connection point.
  - Avoid plugging adapters into power strips or surge protectors.
  - Ensure no high-power electrical appliances (e.g., washing machines, refrigerators) are on the same circuit between the two adapters.
- **No Internet Access:**
  - Check the Ethernet cable connections between the adapters and your devices/router.
  - Verify your router/modem has an active internet connection.
  - Perform a factory reset on the adapters (press and hold the Factory Reset button for 10 seconds). Note: This will clear all settings, including security pairing.

## SPECIFICATIONS

|                           |                  |
|---------------------------|------------------|
| <b>Brand</b>              | NETGEAR          |
| <b>Model Number</b>       | PL1010-100PAS    |
| <b>Data Transfer Rate</b> | Up to 1000 Mbps  |
| <b>Hardware Interface</b> | Gigabit Ethernet |

|                           |                           |
|---------------------------|---------------------------|
| <b>Standards</b>          | Homeplug AV2              |
| <b>Dimensions (LxWxH)</b> | 7.29 x 6.54 x 3.23 inches |
| <b>Item Weight</b>        | 3.84 ounces (109 grams)   |
| <b>Input Power</b>        | 100V ~ 240V, 50/60 Hz     |

## WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official NETGEAR support website or refer to the quick start guide included in your product packaging. You can also find additional resources and FAQs on the [NETGEAR website](#).

User Manual (PDF): [Download Here](#)

Installation Manual (PDF): [Download Here](#)