

GPLWEKIT

## Powerline Wi-Fi Extender Kit

Eliminate troublesome Wi-Fi dead spots by simply plugging in our Powerline Wi-Fi Extender into an available power outlet



### Wi-Fi Extender and Ethernet through Power Outlets

Creating an entire home network has never been easier with IOGEAR's Powerline Wireless Extender Kit. Powerline networking technology allows you to avoid the hassle of running Ethernet cables throughout your house or apartment by taking advantage of the electrical wiring that already exists within your home. Turn your home into a high-speed data network for your broadband devices.

### Little Package - Big Results

Measuring a mere .98" (25mm) thick, 1.85" (47mm) wide and 2.56" (65mm) tall, the included Powerline Nano Ethernet Adapter is some of the smallest Powerline adapters available on the market and has been designed to be discreet. The adapter also features a matte finish that can be painted over to easily blend into your home décor. The Nano sized form factor allows for easy access to other power outlets.

### Hybrid Network Connectivity – The best of both worlds in a single package

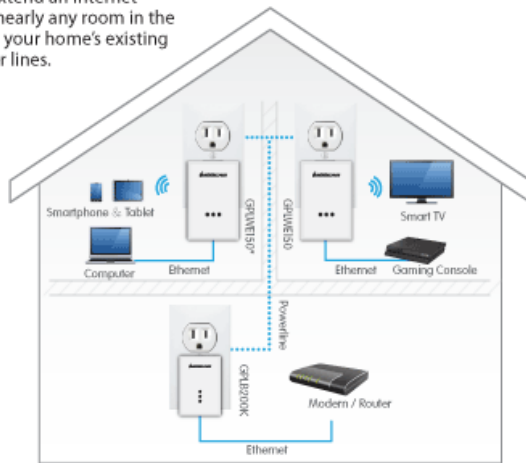
Getting fast and reliable Internet coverage to every corner of your home can be difficult, even when using the latest Wi-Fi technology. IOGEAR's Powerline Wireless Extender Kit is designed to help eliminate these troublesome Wi-Fi dead spots by allowing you the freedom to create a Wi-Fi network anywhere in your home – all by simply plugging in our Powerline Wi-Fi Extender into an available power outlet. As an added benefit, our Powerline Wi-Fi Extender also has a built-in Ethernet port to connect any non-wireless networking device to your Powerline network, granting you the flexibility to customize your home's network to fit the needs of your Ethernet and Wi-Fi based devices.

- Creates and/or extends a high speed wired & wireless network using your home's existing power lines
- High-speed Wired data transfer rates of up to 200Mbps
- High-speed Wireless data transfer rates of up to 150Mbps
- Easy Auto Configuration - Single push button for an easy and secure connection to your Powerline network
- Supports WEP, WPA, WPA2, TKIP, and 128-bit AES encryption with key management
- Plug-N-Play installation - No software installation necessary
- IEEE1905.1 Compliant



**How does it work?**

IOGEAR's Powerline Wireless Extender Kit allows you to extend an Internet connection to nearly any room in the house by using your home's existing electrical power lines.



\*Only one GPLWE150 is included in the Kit

**Requirements**

**Package Contents**

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| <ul style="list-style-type: none"> <li>• <b>For Internet Access:</b></li> <li>• Cable or DSL Modem</li> <li>• Router</li> <li>• Subscription with an Internet Service Provider (ISP)</li> <li>•</li> <li>• <b>For Powerline Network:</b></li> <li>• 2 Standard Power Outlets</li> <li>• 2 or more Powerline adapters</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x GPLB200K Powerline Nano Ethernet Bridge</li> <li>• 1 x GPLWE150 Powerline Wireless Extender</li> <li>• 2 x Ethernet Cables (5ft)</li> <li>• 1 x Quick Start Guide</li> <li>• 1 x Warranty Card</li> </ul> |
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## Specifications

Function	GPLWEKIT	Dimensions	GPLWEKIT
<b>Storage Temperature</b>	Wired: -4~158°F (-20~70°C); Wireless: 14~158°F (-10~70°C)	<b>Unit Dimensions</b>	
<b>Operating Temperature</b>	Wired: 32~104°F (0~40°C); Wireless: 32~104°F (0~40°C)	Height	GPLB200K: 2.625" (6.7cm), GPLWE150: 3.375" (8.6cm)
<b>Humidity</b>	10-90% maximum (non-condensing)	Depth	GPLB200K: 1.75" (4.4cm), GPLWE150: 1.187" (3.02cm)
<b>Power</b>		Length	GPLB200K: 1.875" (4.8cm), GPLWE150: 2.125" (5.4cm)
Voltage	100~240V @ 50/60Hz internal	<b>Inner Pack</b>	
<b>Housing</b>		Width	6.25" (15.9cm)
Case	Plastic	Height	7.5" (19.05cm)
<b>Computer Interface</b>	IEEE802.3, IEEE802.3u	Length	10" (25.4cm)
<b>Operating Range</b>	Wired: Up to 300m; Wireless: Up to 100m indoor, up to 280m outdoor	Inner Pack Qty.	3
<b>Frequency Band</b>	Wired: 2~28 MHz; Wireless: 2.4GHz~2.497GHz ISM Band, DSSS	<b>Unit Package Dimensions</b>	
<b>Chipset</b>	Qualcomm 6410	Width	6.875" (17.5cm)
<b>Connectors</b>		Height	6" (15.2cm)
Cable	1 x RJ-45	Depth	3.25" (8.2cm)
<b>Data Rate</b>	Up to 200Mbps	<b>Master Carton</b>	
<b>LEDs</b>		Width	10.5" (26.7cm)
10/100 Mbps	1 x Green LED	Height	16" (40.6cm)
Link	1 x Multi-Color LED	Depth	13" (33.02cm)
Power On	1 x Green LED	Master Carton Qty.	12
<b>PHY Data Rate</b>	Wired: Up to 200Mbps; Wireless: Up to 150Mbps	<b>Weight</b>	
<b>Security</b>	Wired: 128-bit AES Link Encryption with Key Management; Wireless: 64/128-bit TKIP, AES, WEP, WPA, WPA2	Master Carton Wt.	13.05lb (5.92kg)
<b>Network Interface</b>	10/100 Base-T with RJ45 port (LAN)	Inner Pack Wt.	2.95lb (1.34kg)
		Unit Pack Wt.	0.85lb (0.4kg)
		Unit Wt.	GPLB200K: 0.1lb (0.06kg), GPLWE150: 0.2lb (0.08kg)