

## Product Highlights

### Connect Further and Faster

Wireless AC with Powerline AV2.1 technology provides blazing fast network and Wi-Fi connectivity, ideal for 4K media streaming and faster file downloads

### Complete PowerLine Solution

Starter kit includes everything you need to create a fast and reliable connection using your home's existing power sockets

### Easy Setup and Secure

Simple push-button set up with sophisticated data encryption to secure your network from unwanted connections



## DHP-W611AV

# PowerLine AV1000 Wi-Fi AC Starter Kit

## Features

### Connectivity

- Gigabit Ethernet LAN port for high-speed streaming
- PowerLine data speed of up to 1000 Mbps using your home's existing electrical circuit
- PowerLine AV2.1 technology with improved multi-adapter performance
- Dual-band Wireless AC1200 with combined wireless speed of up to 1200 Mbps

### Security Features

- Simple Connect Button to activate WPS and Powerline encryption
- WPA/WPA2 encryption to secure your wireless traffic (DHP-W610AV)
- 128-bit AES encryption

### Advanced Features (DHP-W610AV)

- Quality of Service (QoS) maximises performance by prioritising data types
- UPnP support lets you connect devices easily
- IPv6 support ensures new devices are compatible
- Web browser setup and configuration
- Power-saving mode cuts down on energy usage

The DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit allows you to set up and start enjoying the convenience and reliability of a high-speed wireless and Powerline network in your home right away. The DHP-W611AV features the DHP-W610AV PowerLine AV1000 Wi-Fi Adapter and the DHP-P610AV PowerLine AV1000 Gigabit Passthrough Adapter, giving you everything you need to create a high-speed Wi-Fi PowerLine network in your home. Simply plug the devices into electrical outlets in your home and you'll be able to use your existing wiring to expand your Internet access and wireless network.

## Complete PowerLine Solution

The DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit features the latest HomePlug AV2.1 standard together with Wireless AC technology that uses your existing home electrical wiring to extend your home network and Wi-Fi. To set up a Powerline network, just plug the DHP-P610AV into a power outlet and connect it to your Internet router, then plug the DHP-W610AV into another power outlet in any location in your home<sup>1</sup>.

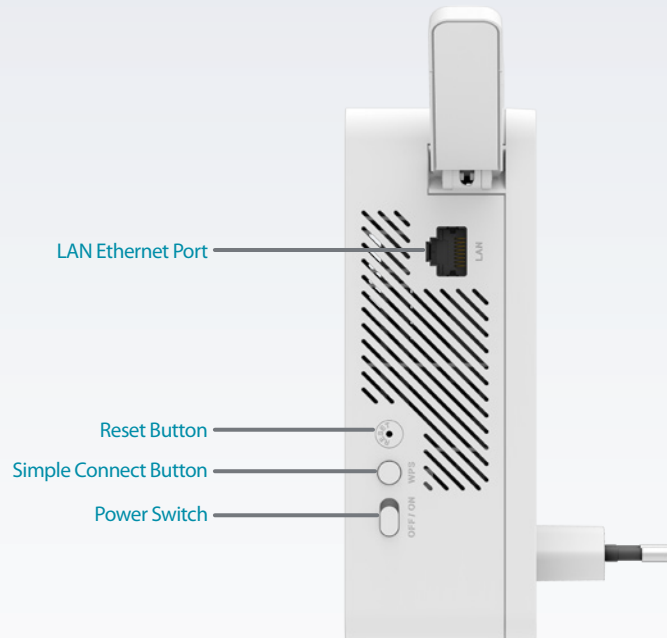
## Enhanced Performance

The DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit is capable of high speeds of up to 1000 Mbps<sup>2</sup> via PowerLine using the latest PowerLine AV2.1 standard, enabling you to stream 4K movies, download large files and enjoy a fast Internet connection for Web surfing. Whilst Dual-Band Wireless AC1200 offers combined wireless speeds of up to 1200 Mbps<sup>3</sup>. It also supports Quality of Service which allows you to prioritise multimedia traffic over normal Internet traffic.

## Secure Wired and Wireless Connection

The DHP-W611AV features 128-bit AES encryption to ensure a secure Powerline network connection. The DHP-W610AV also uses industry standard WPA/WPA2 encryption to protect your wireless network. Both the DHP-W610AV and DHP-P610AV feature a Simple Connect button that allows you to easily set up Wi-Fi Protected Setup (WPS) for your wireless connection or a secure Powerline connection at the press of a button.

**DHP-W610AV**



**DHP-P610AV**



**Technical Specifications (DHP-P610AV PowerLine AV1000 Gigabit Passthrough Adapter)**

General		
Powerline Interface	• One PLC interface compatible with HomePlug AV2.1 specification up to 1000 Mbps	
Network Interface	• 10/100/1000 Ethernet port with auto MDI/MDIX	
Other Interface	• Simple Connect Button	• Reset Button
Functionality		
Standards	• IEEE 802.3 • IEEE 802.3x	• HomePlug AV2.1 • IEEE 1901
Security	• 128-bit AES encryption	
LEDs	• Power • Ethernet	• Powerline
Advanced Features	• Power-saving mode	• Compliant with European Energy Using Product Directive
Powerline Modulation Scheme	• OFDM Symbol Modulation	
Powerline Frequency Band	• 2 to 86 MHz	
Data Rate	• Powerline: Up to 1000 Mbps (PHY rate) <sup>2</sup>	• Ethernet: 10/100/1000 Mbps (auto negotiation)
Physical		
Dimensions	• 114 x 59 x 38 mm (4.49 x 2.32 x 1.50 inches)	
Weight	• EU Type: 188 g (6.63 ounces)	
Passthrough Power Socket	• EU Type: 250 V/16 A Maximum	
Power Input	• EU Type: 100 to 250 V AC, 50/60 Hz, 16 A	
Power	• Input: 100 to 240 V AC, 50/60 Hz	
Power Consumption	• Normal: 2.62 W	• Network Standby: 2.23 W
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE/LVD • FCC/IC	• UL

# DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit

## Technical Specifications (DHP-W610AV PowerLine AV1000 Wi-Fi AC Adapter)

General		
Powerline Interface	<ul style="list-style-type: none"> <li>One PLC interface compatible with HomePlug AV2.1 specification up to 1000 Mbps<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>Simple Connect button</li> </ul>
Network Interfaces	<ul style="list-style-type: none"> <li>10/100/1000 Ethernet LAN port with auto MDI/MDIX</li> <li>802.11ac WLAN</li> </ul>	<ul style="list-style-type: none"> <li>WPS</li> <li>Reset button</li> </ul>
Wireless LAN	<ul style="list-style-type: none"> <li>802.11ac/n/g/a standards</li> <li>Wireless speed<sup>3</sup>:                             <ul style="list-style-type: none"> <li>5 GHz - up to 867 Mbps</li> <li>2.4 GHz - up to 300 Mbps</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>WPA/WPA2 (Wi-Fi Protected Access)</li> </ul>
Functionality		
Standards	<ul style="list-style-type: none"> <li>IEEE 802.3</li> <li>IEEE 802.3x</li> <li>IEEE 802.11ac/n/g/a</li> </ul>	<ul style="list-style-type: none"> <li>HomePlug AV2.1</li> <li>IEEE 1901</li> </ul>
Security	<ul style="list-style-type: none"> <li>Powerline: 128-bit AES Encryption</li> </ul>	<ul style="list-style-type: none"> <li>Wireless: Wi-Fi Protected Access (WPA/WPA2)</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>Power</li> <li>Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>Powerline</li> <li>Wi-Fi</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>IPv6 support</li> <li>Power-saving mode</li> </ul>	<ul style="list-style-type: none"> <li>PLC Quality of Service (QoS)</li> </ul>
Physical		
Dimensions	<ul style="list-style-type: none"> <li>140 x 68 x 50 mm (5.51 x 2.68 x 1.97 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>EU Type: 315.2 g</li> </ul>	
Power	<ul style="list-style-type: none"> <li>Input: 100 V to 240 V AC, 50/60 Hz</li> </ul>	
Power Consumption	<ul style="list-style-type: none"> <li>Normal: 9.22 W</li> <li>Network Standby: 6.15 W</li> </ul>	<ul style="list-style-type: none"> <li>Off: 0.1 W</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE/LVD</li> <li>FCC/IC</li> </ul>	<ul style="list-style-type: none"> <li>UL</li> <li>RoHS</li> </ul>

<sup>1</sup> Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring condition and configuration, may affect the performance of this product. Additional D-Link Powerline AV series products are required to add new devices to the network. A minimum of two D-Link Powerline AV series products are required to create a network. Connecting this product to a power strip with a surge protector may adversely affect the performance of this product. For best results, plug the adapter directly into a wall outlet.

<sup>2</sup> Maximum throughput is based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product. This product may interfere with devices such as lighting systems that have a dimmer switch or a touch-sensitive on/off feature, short wave radios, or other Powerline devices that do not follow the HomePlug AV2 standard.

<sup>3</sup> Maximum wireless signal rate derived from IEEE Standard 802.11 specifications when used with related Wireless AC devices. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link.



For more information: [www.dlink.com](http://www.dlink.com)

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