



Wireless N PowerLine Router

High quality and performance connectivity for enhanced gaming, HD media streaming and super fast internet

Network connections to anywhere in your house

Combines wireless and wired connectivity using Ethernet and your home's existing electrical wiring²

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Instant Home Networking

The D-Link DHP-1320 Wireless N PowerLine Router, compliant with the HomePlug AV standard, uses your home's existing electrical wiring to create a network or extend your existing network². It turns every power outlet into a possible network connection to access digital media devices, game consoles, print servers, computers, and network storage devices throughout your home. This router includes three Fast Ethernet ports and a Simple Connect button for establishing a secure PowerLine network connection in just a few seconds.

Ideal for Bandwidth-Intensive Applications

The DHP-1320 is capable of delivering data transfer rates of up to 200 Mbps³. This rapid transmission speed makes it ideal for bandwidth-intensive applications, guaranteeing smooth HD video streaming, VoIP calls, and lag-free online gaming experiences. In addition, it prioritizes Internet traffic, ensuring that multimedia applications do not experience glitches while web surfing and downloads are in progress. This device provides ample network bandwidth, enabling you to tap into existing electrical wiring for high-quality multimedia streaming.

Online Gaming

The D-Link DHP-1320 enables you to connect gaming consoles like the Xbox 360®, Playstation® 3, or Nintendo Wii® to the Internet. The built-in Quality of Service (QoS) feature enables lag-free gaming.

Convenient Setup and Secure Operation

The DHP-1320 features two modes of operations - Router Mode and Access Point Mode. Router Mode receives an outside Internet (WAN) connection and transmits it via PowerLine and Wi-Fi. Access Point Mode creates a Wi-Fi network based on an existing PowerLine network signal. Both modes offer comprehensive security features that help to prevent unauthorized access to your network. AES data encryption protects the PowerLine network from intruder wire-tapping. Meanwhile, modern encryption standards such as WEP, WPA and WPA2 ensure that your data will remain safe when transmitted wirelessly. Dual active firewalls (SPI and NAT) also help to guard against potential attacks originating from the Internet.

Save Energy with D-Link Green

D-Link Green features for the DHP-1320 include Wi-Fi Scheduling, PLC power saving, and power saving by link status. Scheduled Wireless allows administrators to configure specific hours when the wireless network will be powered off to save energy and enhance security. PLC power saving shuts down the PowerLine function when no Ethernet activity or wireless connection is detected. Power saving by link status automatically detects the link status of wired devices and reduces the power usage of ports that are idle. A physical power button on the back of the router allows you to turn the device off without unplugging it.

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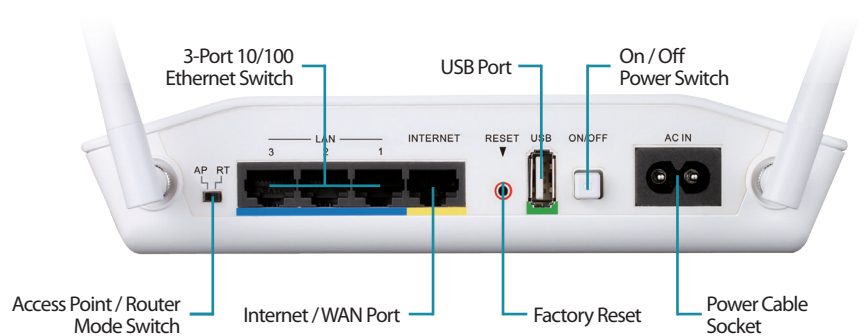
What This Product Does

With network data transfer rates of up to 200 Mbps³, the DHP-1320 allows you to connect computers, High-Definition TVs, networking devices, and gaming consoles using the most pervasive medium in your house - the electrical wiring. Share Internet connections and experience smooth file transfers, streaming multimedia, online gaming and more. The Wireless N PowerLine Router features easy plug-and-play installation and can be connected to any Ethernet or wireless enabled device.

Share Multifunction Printers and USB Storage

The SharePort™ Network USB Utility allows you to connect a multifunction printer to the USB port to share printing and scanning functions among family members. The USB SharePort also supports external hard drives and flash storage for sharing files across your home network.

Rear Product Features & Connection Diagram



Technical Specifications

Minimum System Requirements

- Windows®, Macintosh, or Linux-based operating system
- CD-ROM drive
- Ethernet adapter
- Internet Explorer 6 or later, Firefox 3.0 or later, Safari 3.0 or later, or Google Chrome 2.0 or later

Device Management

- Web UI

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- HomePlug AV

Ports

- 1 x WAN (RJ-45)
- 3 x LAN (RJ-45)
- 1 x USB 2.0

Data Rates*

- HomePlug AV: up to 200 Mbps³
- 802.11n: up to 300 Mbps¹

Wireless Frequency Range

- 2.4 GHz to 2.4835 GHz

Antennas

- 2 Fixed 2 dBi external antennas

Advanced Firewall Features

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-Through/Multi-Sessions
- PPTP/L2TP/IPSec

Security

- 64/128-bit WEP
- WPA & WPA2 (Wi-Fi Protected Access)

SharePort™ Function

- Allows connection of external hard drive or multifunction printer to USB port
- Allows sharing of HDD space, printing and scanning functions*

LED Status Indicators

- Power
- WPS
- Internet
- Wireless
- USB
- Ethernet
- Powerline

Power

- 100 V to 240 V

Power Consumption

- < 12 W

Dimensions (L x W x H)

- 198 x 134 x 41.9 mm

Weight

- 465.5 g

Operating Temperature

- 0 to 40 °C

Storage Temperature

- -20 to 65 °C

Operating Humidity

- 10% to 90%

Additional PowerLine AV Products:

- DHP-306AV Network Adapter
- DHP-307AV Network Starter Kit
- DHP-W306AV Wireless N Extender
- DHP-346AV 4-Port Switch
- DHP-1321 Wireless N Router Starter Kit

<http://powerline.dlink.com.au>

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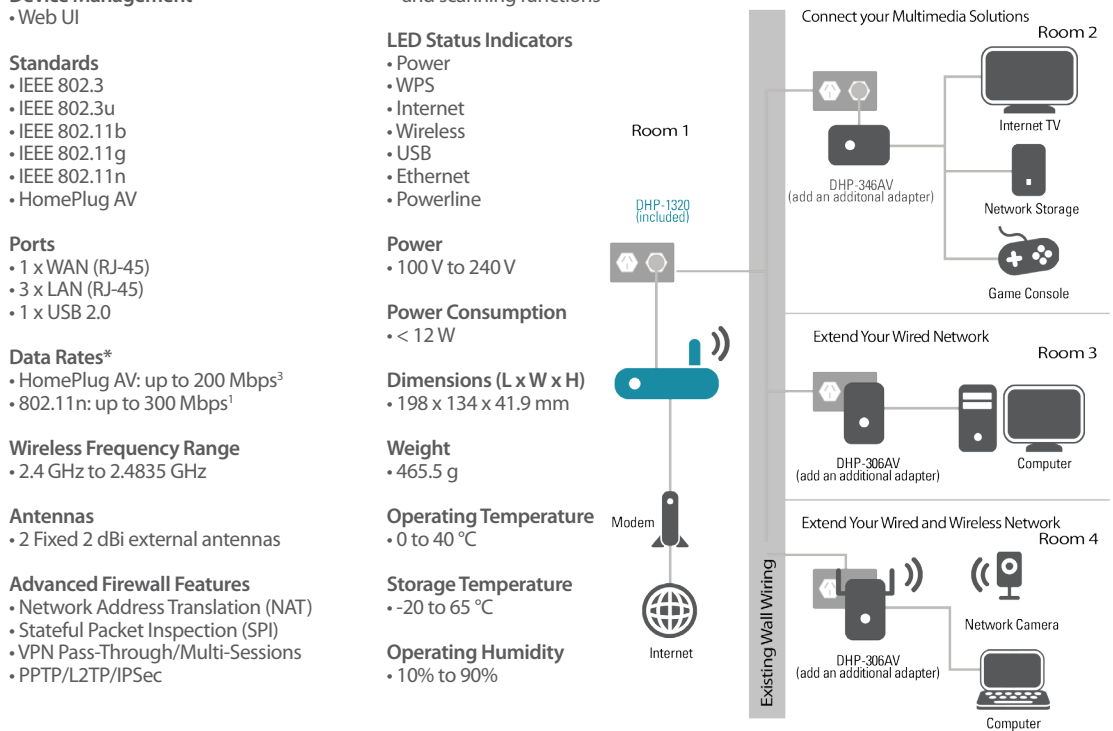
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¹Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will 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. Maximum throughput based on D-Link's 802.11n devices. ²Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring conditions and configuration may affect the performance of this product. A minimum of two D-Link Powerline AV Network Adapters 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 adapter directly into a power outlet. ³Maximum throughput 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, short wave radios, or other powerline devices that do not follow the HomePlug Powerline Alliance standard. ⁴Computer must adhere to Microsoft's recommended system requirements. ⁵Software included is not Mac-compatible. ⁶24/7 Technical Support available only in Australia and New Zealand. ⁷1-Year Limited Warranty available only in Australia and New Zealand.

All references to speed are for comparison purposes only. Product specification, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details. D-Link PowerLine AV Network Adapters (DHP-W306AV, DHP-306AV, DHP-307AV) may coexist within but are not compatible or interoperable with D-Link PowerLine HD Ethernet Adapters (DHP-302, DHP-303). This product is designed for use in Australia and New Zealand. Use of this product in other countries might violate local laws. Latest documentation is available at <http://support.dlink.com.au>.

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