



Creates a hybrid home network: wired Ethernet, Wi-Fi & PowerLine



High bandwidth for enhanced gaming, HD media streaming and super fast Internet



Turns every power outlet into a possible network connection

ampliFi™

Wireless N PowerLine Gigabit Router

Fast wired and wireless connectivity anywhere in your home

Product Highlights

Speed Up to 500Mbps³ for PowerLine AV Network and up to 300Mbps for Wireless Network

4 Gigabit Ethernet LAN Ports & 1 Gigabit Internet Port

Wi-Fi® Protected Setup™ (WPS) for Simple Push-Button Wireless Network Configuration

Built-in QoS Engine Enhances Internet Experience

PowerLine Common Connect Button

Wireless N PowerLine Router

The D-Link Wireless N PowerLine Router (DHP-1565) provides all of the freedom and flexibility of a Wi-Fi network plus the ability to enjoy a blazing-fast PowerLine connection, all without the mess of wires.

The Convenience of Wi-Fi and PowerLine, all in one place

The DHP-1565 is a Wireless N 300 router that provides a significantly faster and farther-reaching wireless signal than outdated Wireless G routers. D-Link's Intelligent Antenna Technology makes use of your home's environment by bouncing multiple wireless signals off of walls and ceilings to work around obstructions and help eliminate dead spots. At the same time, you can use PowerLine in areas where a wired connection would be beneficial, like streaming media to your entertainment center.

Whole-Home Coverage, No Unsightly Cables

Built-in PowerLine Router capabilities work seamlessly with D-Link's PowerLine AV adapters (sold separately) that extend your network to anywhere in your home using the electrical wiring already installed in your walls. Simply connect your router and plug it into a power outlet to turn every other power outlet in your home into a possible network connection with speeds up to 500Mbps - fast enough to stream HD videos and share large files. Since it is compliant with the HomePlug AV standard, you can use it to extend an existing PowerLine network², or simply create a new one. It turns every power outlet into a possible network connection so you can access digital media devices, game consoles, print servers, computers and network storage devices from any room in your home.

Think Green

- Power saving by link status
- Power saving by cable length
- Power saving by wireless LAN scheduling
- On/off button saves power when not in use

While this may look like your average router, it's not. This is a D-Link Green™ router, which is as good for your wallet as it is for the environment. The DHP-1565 is designed to conserve energy, protect our environment from harmful substances and reduce waste by using recyclable packaging. To learn more, visit www.dlinkgreen.com

Package Contents

- Wireless N PowerLine Gigabit Router (DHP-1565)
- Ethernet Cable
- Power Cord
- CD-ROM⁸

Minimum System Requirements

Computer with:

- Windows® 7⁶, Windows Vista⁶⁶ or Windows® XP SP2⁶ or Mac OS® X⁷ (v10.4)
- Internet Explorer® v⁶ or Mozilla® Firefox® v3.0
- CD-ROM Drive
- Network Interface Card

Power Supply:

- 100~240VAC, 50~60Hz

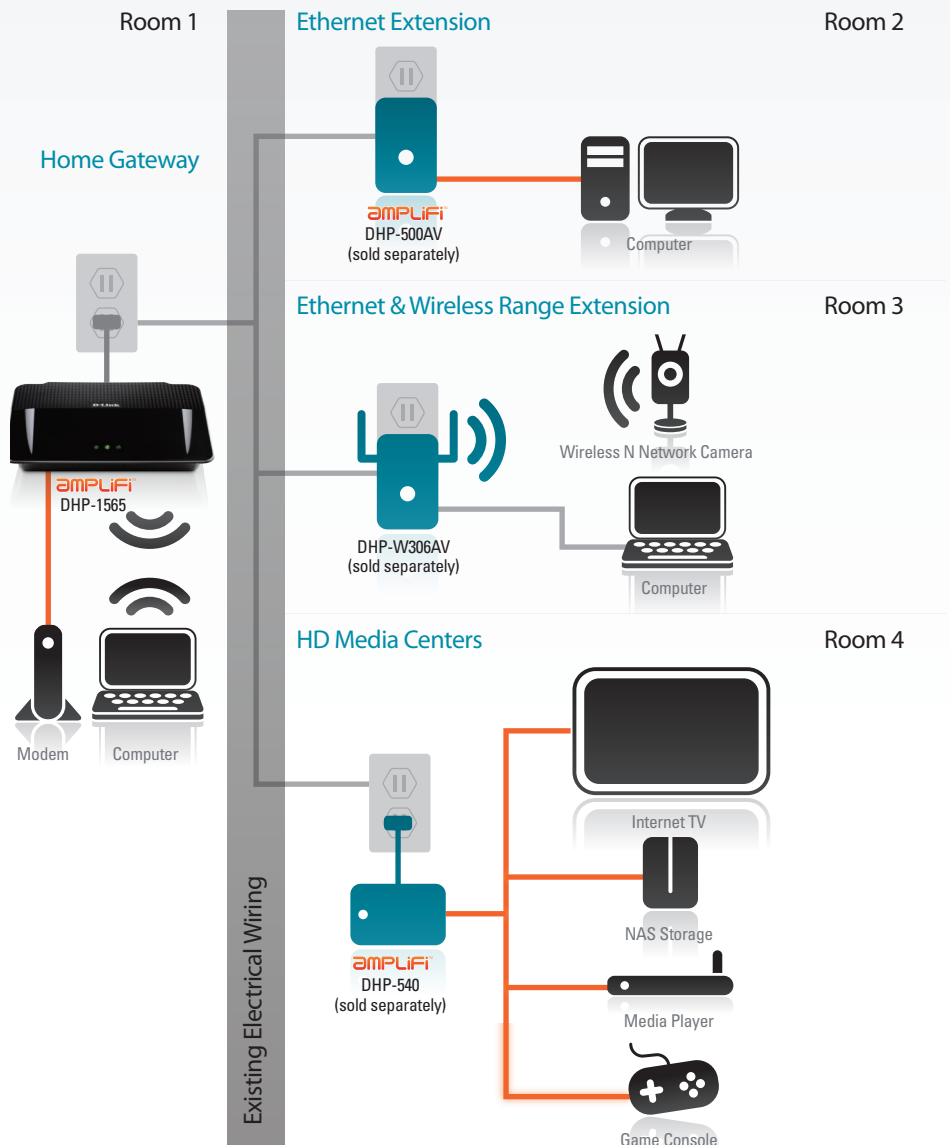
For Internet Access:

- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

For optimal wireless or powerline performance, use with D-Link RangeBooster N® USB Adapter (DWA-140) and D-Link PowerLine AV Network Adapter (DHP-306AV), or D-Link PowerLine AV Wireless N Extender (DHP-W306AV)

Features

- IEEE 802.11n and 802.11g Compliant
- Speed Up to 500Mbps³ for PowerLine AV Network and up to 300Mbps for Wireless Network
- Uses Your Home's Existing Electrical Wiring by Plugging into Power Outlets²
- Wi-Fi® Protected Setup™ (WPS) for Simple Push-Button Wireless Network Configuration
- Built-in QoS Engine Enhances Internet Experience
- Supports Secure Wireless Encryption Using WPA™ or WPA2™
- Power Saving Mode
- Supports 128-bit AES Encryption For PowerLine Network Security
- PowerLine Common Connect Button
- Plug & Play Installation
- 24/7 Basic Installation Support⁴
- 1-Year Limited Warranty⁵



*A D-Link PowerLine AV 500 Adapter is required to create a PowerLine network.

DHP-1565 Wireless N PowerLine Gigabit Router

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Technical Specifications

Standards

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.3
- IEEE 802.3u
- HomePlug AV
- IEEE 1901

Ethernet Interface

- 4 Gigabit Ethernet Port
- 1 Gigabit WAN Port
- RJ-45 Connector

Maximum PHY Rate

- 500 Mbps¹

PowerLine Frequency Band

- 2MHz to 70MHz

QoS

- Integrated QoS prioritizes media and data

PowerLine Security

- 128-bit AES Encryption

LEDs

- Power
- Internet
- WLAN
- PowerLine
- Ethernet

Power Supply

- 100~240VAC, 50/60Hz

Power Saving

- Power saving mode supported
- Compliant with European Energy Using Product Directive

Operating Temperature

- 30° to 104° F (0° to 40° C)

Operating Humidity

- 10% to 90% non-condensing

Certifications

- CE EMC Class B
- FCC Part 15 Class B
- UL
- CE LVD

Dimensions

- 6" x 8" x 1.6"
(15.24cm x 20.32cm x 4.06cm)

Weight

- 0.55 lbs (0.25kg)

Warranty

- 1-Year Limited Warranty⁵

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.

⁴24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

⁵1-Year Limited Warranty available only in the USA and Canada.

⁶Computer must adhere to Microsoft's recommended system requirements.

⁷Software included is not Mac-compatible. 8Latest Software and Documentation available at <http://support.dlink.com>.

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For more information

D-Link Systems, Inc. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

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