

## Product Highlights

### Super-Fast Wireless AC

Simultaneously browse, stream, chat, and play online games without lag; utilising dual-band connectivity for blazing-fast, low-interference bandwidth

### Simple Setup

Quickly and easily establish a fast, secure home network that will have you surfing the Internet in minutes

### Integrated High-Gain Antenna

High power antenna boosts signal strength to enhance wireless range and performance



## DWA-172

# Wireless AC600 Dual-Band High-Gain USB Adapter

## Features

### Dual-Band 802.11ac Wireless Technology

- The latest Wireless AC technology with a high power antenna to help boost signal strength and deliver cutting-edge performance
- Dual-band technology offers extra reliability by reducing wireless interference

### Total Wireless Security

- Connect to wireless networks securely using the latest encryption methods
- Supports WPA2 encryption for high-level wireless security
- Use Wi-Fi Protected Setup to establish a secure connection with the press of a button

### Compact and Portable

- Take the power of Wireless AC with you wherever you go
- Instantly adds Wireless AC connectivity to any computer with a USB port<sup>2</sup>
- Slim design, doesn't get in your way

The DWA-172 Wireless AC600 Dual-Band High-Gain USB Adapter lets you experience faster wireless speeds than ever before by delivering powerful Wireless AC technology to your desktop or notebook computer. Simply plug the adapter into an available USB port and connect to a secure wireless network with an Internet connection, and right away you'll be browsing the web, chatting to your friends, streaming HD video or gaming online. With its integrated dual-band technology, over the 2.4 GHz (150 Mbps<sup>1</sup>) or 5 GHz (up to 433 Mbps<sup>1</sup>) bands, you'll have reduced Wi-Fi interference to maximise throughput for faster streaming, gaming, and VoIP calls.

## What is Wireless AC?

802.11ac is a new networking standard that produces high-throughput wireless speed on the 5 GHz band. This means that you can enjoy clear, smooth streaming HD video from your favourite websites and services, lag-free online gaming, and clear audio and video calls over the Internet. Wireless AC gives you the smooth, lightning-fast performance you need to get the most out of your Internet connection.

## Compatible With All Your Wireless Products

While the DWA-172 Wireless AC600 Dual-Band High-Gain USB Adapter delivers cutting-edge 802.11ac speed to your home network, it's also backward compatible with all of your current wireless products. Tired of buying a new device only to find that you need to upgrade everything else? Just connect the DWA-172 to your existing hardware, connect to the Internet, and start browsing; saving you both time and money.

## Portable Design

Whether you're at home using a desktop computer or out and about with a notebook, the DWA-172 Wireless AC600 Dual-Band High-Gain USB Adapter's sleek design is perfect for mobility and convenience, so that you can take advantage of Wireless AC's super-fast speed wherever you are.

# Wireless AC600 Dual-Band High-Gain USB Adapter

## Reliable Bandwidth

The DWA-172 Wireless AC600 Dual-Band High-Gain USB Adapter uses dual-band technology for intelligent, versatile, low-interference bandwidth. Check your email and surf the Internet on the 2.4 GHz band; play online games, make calls over the Internet, and stream HD movies to multiple devices using the cleaner, low-interference 5 GHz band. Whatever you like to do online, dual-band technology has you covered.

## Easy, Hassle-free Setup

Use Wireless Protected Setup (WPS) to quickly and easily establish a highly secure home network that will have you browsing, streaming, and interacting in minutes. The latest encryption technology ensures that information transmitted on your network remains safe and secure, while preventing unauthorised access. It's as easy as push and connect!



## Technical Specifications

### General Specifications

|              |                                                                                                                   |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Interfaces   | <ul style="list-style-type: none"> <li>• USB 2.0 connector</li> <li>• Status LED</li> </ul>                       | <ul style="list-style-type: none"> <li>• WPS button</li> </ul>                            |
| Security     | <ul style="list-style-type: none"> <li>• Wi-Fi Protected Access (WPA &amp; WPA2)</li> </ul>                       | <ul style="list-style-type: none"> <li>• Wi-Fi Protected Setup - PIN &amp; PBC</li> </ul> |
| Standards    | <ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul> | <ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> </ul>  |
| Antenna Type | <ul style="list-style-type: none"> <li>• High power 3dBi external antenna</li> </ul>                              |                                                                                           |

### Requirements

|                     |                                                                                    |                                                                                  |
|---------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Operating System    | <ul style="list-style-type: none"> <li>• Windows 8/7/Vista/XP SP3</li> </ul>       |                                                                                  |
| Compatible Browsers | <ul style="list-style-type: none"> <li>• Internet Explorer 7 or later</li> </ul>   | <ul style="list-style-type: none"> <li>• Mozilla Firefox 3.0 or later</li> </ul> |
| Interface           | <ul style="list-style-type: none"> <li>• Available USB port<sup>2</sup></li> </ul> |                                                                                  |

### Physical

|                |                                                                                                     |                                                                                                                        |
|----------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Dimensions     | <ul style="list-style-type: none"> <li>• 193 x 15.7 x 15 mm (7.6 x 0.62 x 0.59 inches)</li> </ul>   |                                                                                                                        |
| Weight         | <ul style="list-style-type: none"> <li>• 23.2 grams (0.82 ounces)</li> </ul>                        |                                                                                                                        |
| Power          | <ul style="list-style-type: none"> <li>• Operating Voltage: 5.0 V DC <math>\pm</math>10%</li> </ul> | <ul style="list-style-type: none"> <li>• Power Consumption: 300 mA</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 75 °C (-4 to 167 °F)</li> </ul>                               |
| Humidity       | <ul style="list-style-type: none"> <li>• 10% to 90% (non-condensing)</li> </ul>                     | <ul style="list-style-type: none"> <li>• 5% to 95% (non-condensing)</li> </ul>                                         |
| Certifications | <ul style="list-style-type: none"> <li>• FCC Class B</li> <li>• IC</li> <li>• CE</li> </ul>         | <ul style="list-style-type: none"> <li>• C-Tick</li> <li>• Wi-Fi Certified</li> <li>• Wi-Fi Protected Setup</li> </ul> |

<sup>1</sup> Maximum wireless signal rate derived from draft IEEE 802.11ac specification and IEEE Standard 802.11n specification. D-Link makes no warranties as to forward compatibility with future standards or compatibility with draft 802.11ac devices from other manufacturers. 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. Up to 867 Mbps wireless speeds achieved when connecting to other 802.11ac devices. Data throughput may also be limited by the product's interface, less than 480 Mbps for a USB 2.0 interface. The inclusion of a specific product or manufacturer does not imply its endorsement of D-Link or the D-Link product. Computer must adhere to Microsoft's recommended System Requirements. <sup>2</sup> Using a USB 1.1 port will affect device performance. USB 2.0 port recommended.



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

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