

# ZyXEL



## Superior Wireless Connection for HD streaming

AC1200

- 802.11ac technology with backward compatibility with 802.11 a/b/g/n that offers wireless data transfer rates of up to 300 Mbps\* at 2.4 GHz or 867 Mbps\* at 5 GHz
- Dual-band network optimizes HD media and Web browsing for simultaneous access from mobiles, laptop and desktop users
- Dual internal and external antennas for a wider coverage and ensured connection quality
- USB 3.0 interface for high-speed network experience
- Microsoft Windows 8 certified
- Easy setup with Wi-Fi Protected Setup (WPS)
- Convenient USB extension cable

The ZyXEL NWD6605 Dual-Band Wireless AC1200 USB Adapter delivers data at up to 300 Mbps\* for 2.4 GHz or 867 Mbps\* for 5 GHz. It comes with two antennas that enable it to deliver a wider coverage and provide better wireless performance. It's ideal for HD video streaming, online gaming, and multi-thread downloading and sharing multiple large files simultaneously.

### Benefits

#### 802.11ac for data transfer rates of up to 867 Mbps

With the new-generation 802.11ac wireless standard, ZyXEL's NWD6605 provides high wireless throughputs of up to 300 Mbps\* at 2.4 GHz or 867 Mbps\* at 5 GHz. The NWD6605 is backward compatible with all your current wireless Routers or Access Points and offers better wireless performance for video streaming and online gaming.

#### Dual-band avoids network clutter and optimizes HD media experience

The ZyXEL NWD6605 provides users the ultimate visual experience over the dual-band network and takes advantage of the common 2.4 GHz band for Web browsing with faster speeds or the interference-free 5 GHz band for smooth HD video playback and online gaming.

Dual internal and external antennas reach a wider coverage for good network connection quality even you are a distance away from the wireless router or access point.

#### USB 3.0 interface for high-speed network experience

With transfer data rates of up to 5 Gigabit per second, the USB 3.0 interface is 10 times faster than USB 2.0. The NWD6605 adopts USB 3.0 interface to realize the true high-speed network experience.

#### Easy setup with Wi-Fi Protected Setup (WPS)

The friendly one-touch button design provides an easy, intuitive way to setup a secure wireless network. Just press the WPS button to enjoy the protected network in seconds.

#### Convenient USB extension cable

The USB extension cable provides more flexibility for desktop placement.



**NWD6605**  
Dual-Band Wireless  
AC1200 USB Adapter



### Specifications

#### System Specifications

##### Wireless Standard

- 802.11 b/g/n 2.4 GHz
- 802.11 a/n/ac 5 GHz

##### Wireless Transfer Rate

- Transmit:
  - 300 Mbps\* for 2.4 GHz
  - 867 Mbps\* for 5 GHz
- Receive:
  - 300 Mbps\* for 2.4 GHz
  - 867 Mbps\* for 5 GHz

##### Radio Band

- 2.4 GHz or 5 GHz

##### Wireless Security

- WEP, WPA, WPA-PSK, WPA2, WPA2-PSK
- Wi-Fi Protected Setup (WPS) hardware button

##### Wireless Features

- Client mode
- WPS
- Wi-Fi Multimedia (WMM)

#### Hardware Specifications

- Interface: USB 3.0 Type A
- LED indicator: Link/Activity
- Antenna:
  - One internal dual-band antenna
  - One external dual-band antenna
- Button: WPS button
- Operation voltage: DC 5 V
- Power consumption: 1.6 watt

#### Physical Specifications

- Item dimensions (WxDxH):  
95 x 29 x 13 mm (3.74" x 1.14" x 0.51")
- Item weight: 20 g (0.04 lb.)
- Packing dimensions (WxDxH):  
159 x 49 x 138 mm (6.26" x 1.93" x 5.43")
- Packing weight: 108 g (0.24 lb.)

#### Environmental Specifications

##### Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (Non-condensing)

##### Storage Environment

- Temperature: -20°C to 70°C (-4°F to 158°F)
- Humidity: 10% to 95% (Non-condensing)

#### Certification

- Safety: CE-LVD
- EMC: CE
- Others: Wi-Fi, WMM, Microsoft Windows 7/8

#### OS Support

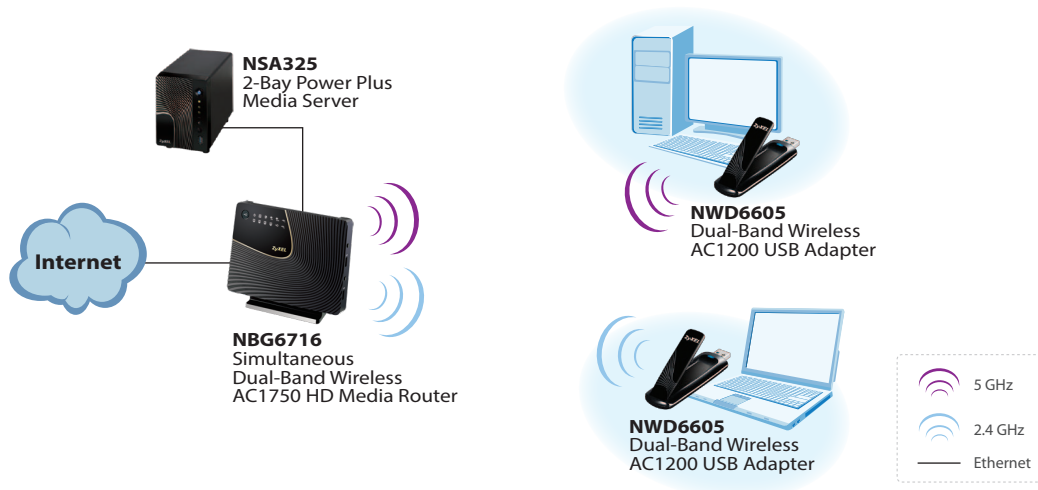
- Microsoft Windows XP/Vista/7/8/8.1 (32-bit/64-bit)
- Mac OS X v10.6/v10.7/v10.8/v10.9

#### Package Contents

- Wireless USB Adapter
- Quick start guide
- USB extension cradle
- Support CD
- Warranty card

\*The maximum wireless data transfer rate is derived from the IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment conditions including distance, network traffic, building site materials/construction, interference from other wireless devices and other adverse situations.

### Application Diagram



For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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