

ZyXEL



Upgrade Wireless Performance for Home Connection



- 802.11ac technology offers backward compatibility with 802.11 a/b/g/n and wireless data transfer rates of up to 150 Mbps* at 2.4 GHz or 433 Mbps* at 5 GHz
- Dual-band networks optimize HD media and Web browsing for mobiles, laptops and desktops users simultaneously
- Microsoft Windows 8 certified
- Easy setup with Wi-Fi Protected Setup (WPS)
- Compact design for optimal portability
- Convenient USB extension cable

The ZyXEL NWD6505 Dual-Band Wireless AC600 USB Adapter delivers data transfer rates of up to 150 Mbps* at 2.4 GHz or 433 Mbps* at 5 GHz. It not only provides high-speed network capability but also works with your existing 802.11 a/b/g/n wireless Routers or Access Points.

Benefits

Latest 802.11ac wireless technology for data transfer rates of up to 433 Mbps

With the new-generation 802.11ac wireless standard, the ZyXEL NWD6505 provides high-throughput wireless network data transfer rates of up to 150 Mbps* at 2.4 GHz or 433 Mbps* at 5 GHz. It's better for wireless video streaming and web browsing performance, and backward compatible with all your current wireless Routers or Access Points.

Optimized HD media experience with clutter-free dual-band networks

The ZyXEL NWD6505 provides selectable dual-band (2.4 GHz or 5 GHz) wireless signals for users to enjoy better network connections. The 5 GHz band is ideal for media-centric applications such as HD video streaming or online gaming, while the 2.4 GHz band is suitable for Internet browsing and VoIP telephony without performance degradation.

Easy setup with Wi-Fi Protected Setup (WPS)

Instant security with WPS allows you to create a secure wireless network with a touch on a single button.

Portability with Elegance

The compact, lightweight design of the ZyXEL NWD6505 offers excellent portability for road warriors and others on the move. Users can easily plug a NWD6505 into a USB port on a desktop or laptop to upgrade the network speed instantly. It includes an USB extension cable that enables the user to position the NWD6505 for maximum connectivity.



NWD6505
Dual-Band Wireless
AC600 USB Adapter



Dual-Band



WPS



Compact,
Maximum
Portability



WiFi
CERTIFIED



Compatible with
Windows 7



Compatible with
Windows 8

Specifications

System Specifications

Wireless Standard

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

Wireless Transfer Rate

- Transmit/Receive:
 - 150 Mbps* for 2.4 GHz
 - 433 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 2.0 type A
- LED indicator: Link/Activity
- Antenna:
 - One 5 GHz internal antenna
 - One 2.4 GHz internal antenna
- Button: WPS button
- Operation voltage: DC 5 V
- Power consumption: 1.25 watt

Physical Specifications

- Item dimensions (WxDxH):
58 x 21 x 11 mm (2.28" x 0.83" x 0.43")
- Item weight: 8 g (0.02 lb.)
- Packing dimensions (WxDxH):
95 x 35 x 135 mm (3.74" x 1.38" x 5.31")
- Packing weight: 68 g (0.15 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, FCC, IC
- Others: Wi-Fi, WMM, Microsoft Windows 7/8

OS Support

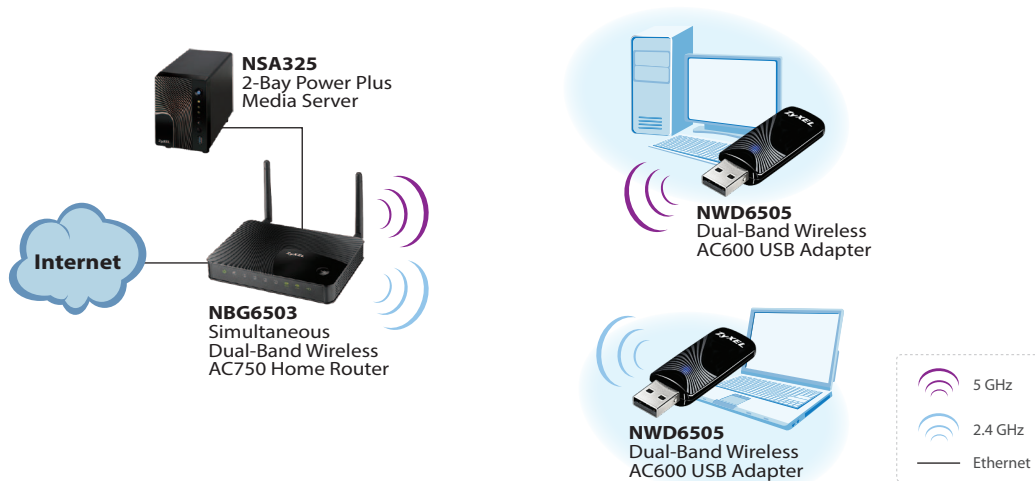
- Microsoft Windows XP/Vista/7/8/8.1 (32-bit/64-bit)
- Mac OS X v10.6/v10.7/v10.8/v10.9

Package Contents

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

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

Application Diagram



For more product information, visit us on the web at www.ZyXEL.com



Copyright © 2014 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.