



NWD6602

Dual-band Wireless AC1200 Nano USB Adapter

Benefits

Accelerate Your PC with Faster WiFi

The Zyxel NWD6602 is a dual-band USB wireless adapter that promptly upgrades your desktop or laptop to the latest 802.11ac technology with WiFi speeds of up to 867 Mbps (5GHz) and 300 Mbps (2.4GHz).



Simply Connected Exploration

Speed Matters with Fast USB Port

The compact design of the Zyxel NWD6602 offers excellent portability for people on the move. Users can easily plug it into a USB port on a desktop or laptop to upgrade their network speed in a snap. The included USB extension cable allow users to experience maximum speed connection.



Works with all standard WiFi-802.11 a/b/g/n and ac devices



Dual-band network optimized web browsing and streaming



USB port interface for high-speed network experience



Compatible with Microsoft Windows, MAC OS, Linux operating systems



Supports 64/128-bit encryption (WEP/ WPA/WPA2/WPA3) and easy WPS setup



Ultra-portable nano designed to carry anywhere while travelling

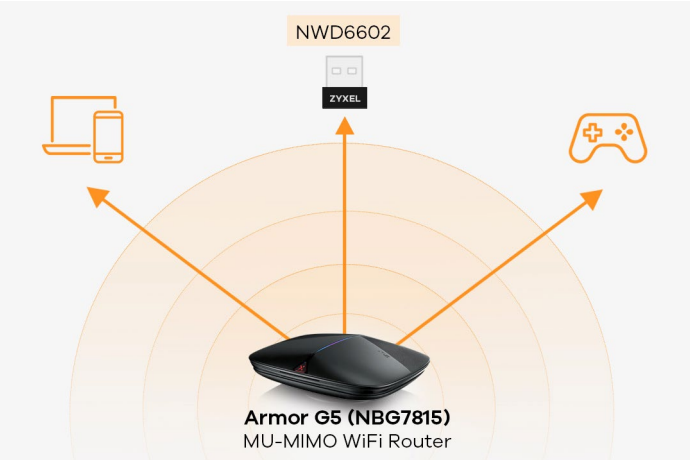
Do More with Dual-Band WiFi

The NWD6602 provides selectable dual-band wireless signals. Connect with 5 GHz band for media-centric applications such as 4K UHD streaming or online gaming. Connect with 2.4 GHz band for internet surfing and VoIP telephone without performance degradation.



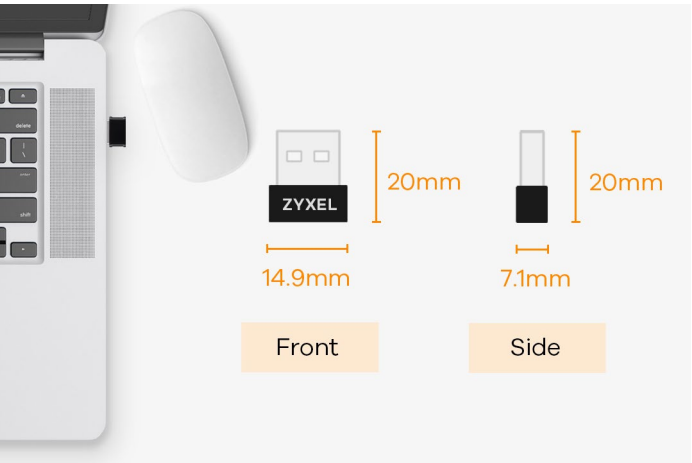
MU-MIMO Supported for Network Performance

NWD6602 can provide two simultaneous data streams with MU-MIMO technology, improving the throughput and efficiency of the entire network when connected to a compatible MU-MIMO router.



Plug-and-forget, Portable Design

The NWD6602 is specially-designed to be compact and durable to stay plugged into a notebook/PC securely. Ultra-portable nano design fits easily in your slim briefcase or bag, so you can carry it anywhere with you especially when traveling!



Enhanced Wireless Security with WPA3

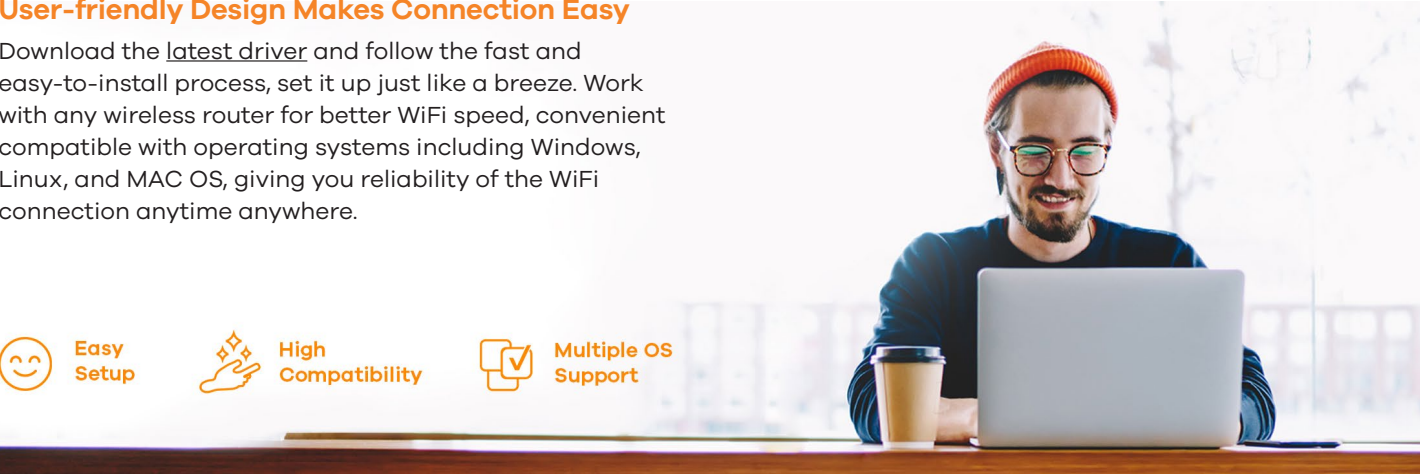
Ensure maximum protection for your wireless network connection with the latest WiFi Protected Access 3 (WPA3) to avoid password-cracking attacks! WPA3 enables more robust authentication, delivers individualized sensitive data encryption to strengthen user privacy in open networks.



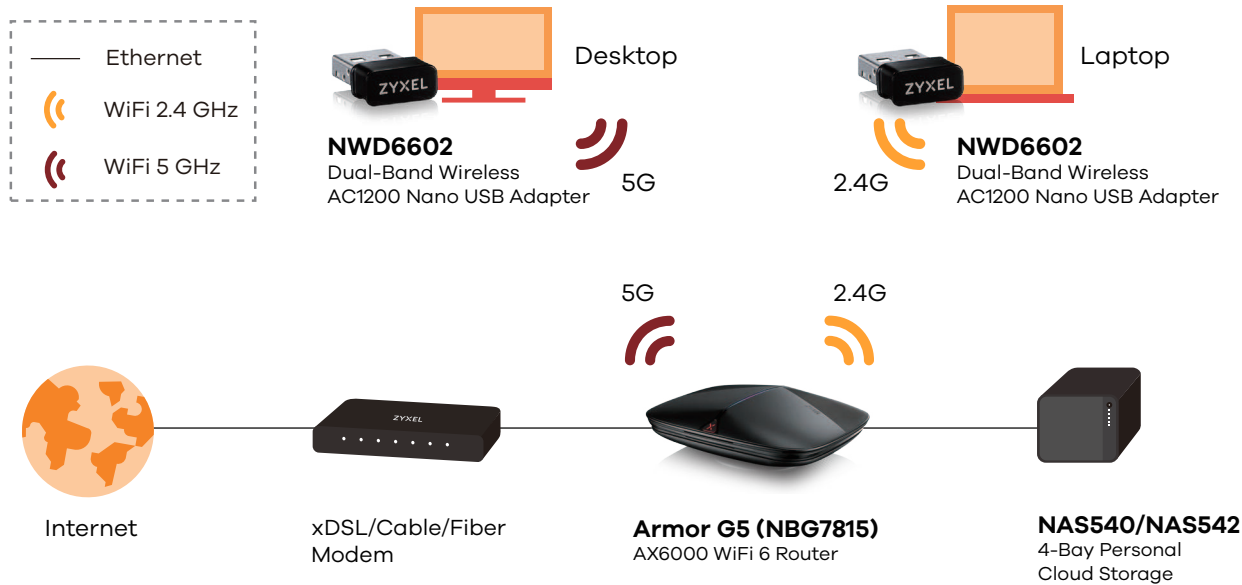
User-friendly Design Makes Connection Easy

Download the [latest driver](#) and follow the fast and easy-to-install process, set it up just like a breeze. Work with any wireless router for better WiFi speed, convenient compatible with operating systems including Windows, Linux, and MAC OS, giving you reliability of the WiFi connection anytime anywhere.

-  Easy Setup
-  High Compatibility
-  Multiple OS Support



Application Diagram



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, WPA3*1

Wireless Features

- Client mode
- WPS
- WiFi Multimedia (WMM)

Hardware Specifications

Radio Band

- Interface: USB 2.0 type A

- LED indicator: Link/Activity/WPS
- Antenna:
 - One 5 GHz internal dual-band antenna
 - One 2.4 GHz internal dual-band antenna
- Operation voltage: DC 5V
- Power consumption: 12 watt

Physical Specifications

- Item dimensions (WxDxH): 14.9 x 20.0 x 7.1 mm (0.59 x 0.79 x 0.28 inch)
- Item weight: 5g (0.011 lb.)
- Packing dimensions (WxDxH): 137 x 181 x 28 mm (5.40 x 7.13 x 1.10 inch)
- Packing weight: 823 g (1.814 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 60°C (-4°F to 140°F)
 - Humidity: 10% to 95% (Non-condensing)

Certification

- Safety: CE-LVD
- EMC: CE, EAC

OS Support

- Microsoft Windows 7/8/8.1/10 RS6 or above, Linux Kernel v3.8 or above, Mac OS up to 10.15

*: 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.

*1: Zyxel NWD6602 adapter fully supports WPA3 using Windows 10 version 1903 update or above and WiFi driver 1030.36 or above. Note: not support Windows 7-8.1.



Download Latest Driver
www.zyxel.com/nwd6602driver

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