



## Easy Multimedia Streaming and Printer Sharing

# N300

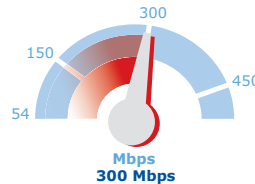
- 802.11n compliance with wireless speeds of up to 300 Mbps\*
- QoS enhances smooth multimedia streaming
- NetUSB™ port shares USB printers and storages wirelessly
- User-friendly interface for fast function navigation and setup
- WEP, WPA/WPA2 and firewall security for robust wireless environments
- Easy wireless access control with wireless on/off button
- Eco-friendly wireless scheduling saves energy
- Environment-friendly LED light on/off button

Compliant with the 802.11n standard, the NBG-419N v2 Wireless N300 NetUSB Router makes smooth multimedia streaming and file sharing even more effortless. User-friendly features such as the easy-to-use user interface and NetUSB™ port provide an easy way to set up functions, share a printer or share an USB storage wirelessly.

### Benefits

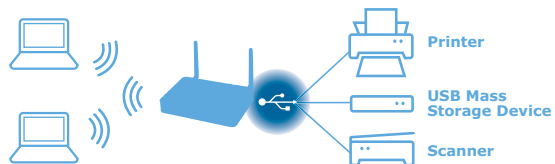
#### Enjoy smooth multimedia streaming

Featuring 802.11n technology with wireless speeds of up to 300 Mbps\*, the ZyXEL NBG-419N v2 enhances stability and reliability for wireless home networks. With configurable QoS, the NBG-419N v2 can also help you to enjoy smooth video streaming, gaming, Web surfing and file sharing.



#### NetUSB™ shares USB devices wirelessly

The NBG-419N v2 allows users to share up to four USB devices over the home network through its NetUSB™ support. With one built-in USB port, the NBG-419N v2 can share printers or USB mass storage devices as if the devices were connected directly to the PC. Just plug the USB devices to the NBG-419N v2, the family members everywhere at home can use them over the wireless network.



#### Set up a home network effortlessly

Designed with a user-friendly interface, the NBG-419N v2 provides an "Easy Mode" for function navigation and basic setup tasks to simplify system configuration. Equipped with a one-click Wi-Fi Protected Setup (WPS) button, the NBG-419N v2 lets you establish a secure wireless network within just a few seconds.



**NBG-419N v2**  
Wireless N300  
NetUSB Router





### Eco-friendly router saves energy

Featuring wireless scheduling, the NBG-419N v2 can be configured to turn off to meet to your wireless usage pattern. It reduces unnecessary power consumption as well as radiation when the wireless connection is not in use. In addition, you can also use the wireless on/off button on the rear panel to toggle wireless access in a snap.

## Specifications

### System Specifications

#### Wireless Standard

- IEEE 802.11 b/g/n

#### Wireless Transfer Rate

- Transmit: 300 Mbps\*
- Receive: 300 Mbps\*

#### Wireless Security

- 64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK

#### WLAN Features

- AP mode
- WDS
- WISP mode
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless output power management
- MAC address filtering
- Auto channel selection

#### Routing

- NAT
- Static IP, DHCP, PPPoE, PPTP, L2TP
- DHCP server/client
- IGMP v1/v2
- Dynamic DNS
- Bandwidth management
- Protocol-based QoS
- Auto-IP change mode
- Auto-bridge mode

#### VPN Pass-through

- IPSec
- PPTP
- L2TP

#### Firewall

- Denial-of-service (DoS) attack prevention

#### System Management

- NetUSB™ support
- Online upgrade firmware

#### Others

- UPnP

### Hardware Specifications

- WAN: One 10/100 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LAN: Four 10/100 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- One USB 2.0 port
- LED indicators:
  - Power
  - LAN (1 - 4)
  - WAN
  - Wireless
  - WPS
  - USB
- Two 2 dBi detachable antennas
- Button:
  - Wireless on/off button
  - LED light on/off button
  - WPS button
  - Reset button
- Power: 12 V DC, 1 A
- Power consumption: 8.5 watt max.

- Packing dimensions (WxDxH):

272 x 60 x 194 mm (10.70" x 2.36" x 7.63")

- Packing weight: 666 g (1.47 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: -30°C to 70°C (-22°F to 158°F)
- Humidity: 10% to 95% (Non-condensing)

### Certification

- Safety: CE, LVD
- EMC: CE, FCC

### Package Contents

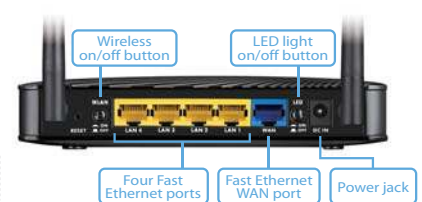
- Wireless router
- Two detachable antennas
- Power adapter
- Ethernet cable
- Quick start guide
- Warranty card
- Support CD

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

## User-Friendly Design



## Rear Panel



## Application Diagram



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



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