

# ZyXEL



## N-lite Home Router Instantly Upgrades Wireless Network

- Wireless Speed of Up to 150 Mbps
- Wi-Fi Compliant with 802.11n Draft and is 802.11b/g Standard Certified
- Wi-Fi WMM Certified for Prioritizing Multimedia Streaming
- Eco-friendly Wireless Scheduling Saves Energy
- Powered by an ENERGY STAR® Qualified Adapter for a Better Environment
- Wi-Fi Protected Setup (WPS) Button to Simplify Secure Network Setup
- Six-level of Neighbor-friendly Wireless Output Power Control
- Enhanced Security with WEP, WPA/WPA2 and Firewall

### Benefits

#### Compliant with 802.11n Draft to Boost Data Transfer Rate to 150 Mbps

The ZyXEL NBG-417N Wireless N-lite Router features 802.11n technology to offer a cost-effective solution for users who demand the next-generation network. With speeds up to three times faster than 802.11g networks, the NBG-417N is also more stable and reliable for wireless data and multimedia streaming to provide a better Internet experience. Better yet, it's backward compatible with the existing 802.11b/g network.

#### Wi-Fi WMM Certified for Prioritizing Multimedia Streaming

With Wi-Fi Multimedia (WMM) technology that prioritizes different network traffic types to optimize performance, the NBG-417N enhances the user experience of audio, video and voice applications over wireless networks.

#### Wireless Scheduler Saves Energy

In order to save power and reduce wireless radiation when the wireless network is not in use, the NBG-417N can be configured to turn on or off automatically according to your wireless usage pattern.

## NBG-417N

Wireless N-lite  
Home Router



Powered by an  
ENERGY STAR®  
qualified adapter  
for a better  
environment



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

Equipped with a Wi-Fi Protected Setup (WPS) push button, establishing a secure wireless network could not be easier. The WPS takes only a few seconds to set up a secure wireless network without any complicated procedure. Instead of entering a pass phrase, users can authenticate a new device on the network by pressing a button or by entering an automatically generated PIN code.

#### Six-level Neighbor-friendly Wireless Output Power Control

With the six-level output power controlling capability, the NBG-417N makes it easy for users to adjust the output power to reduce interference caused by neighboring access points within an area of high-density wireless deployments.

#### Enhanced Security with WEP, WPA/WPA2 and Firewall

On the NBG-417N, 64/128-bit WEP, WPA/WPA2 are supported to provide stringent protection for wireless transmissions. In addition, the NBG-417N is equipped with firewall features including NAT, Stateful Packet Inspection (SPI), Denial-of-Service (DoS) and VPN Pass-through (IPSec, PPTP, L2TP) to prevent attacks coming from the Internet.

## Specifications

### System Specifications

#### WLAN Feature

- 802.11n WLAN compliance
- 802.11b/g WLAN standard
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless security: 64/128 bit WEP, WPA/WPA2

#### Routing

- SPI/DOS firewall
- NAT
- VPN pass-through (IPSec, PPTP, L2TP)
- Mac address filtering
- DHCP server/client
- IGMP v1/v2
- UPnP
- Dynamic DNS
- Connection type: Static IP, DHCP, PPPoE, PPTP
- Diagnostic logs

### Hardware Specifications

- LAN: Four 10/100 Mbps Ethernet RJ-45 connector with auto MDI/MDIX support
- WAN: One 10/100 Mbps Ethernet RJ-45 connector with auto MDI/MDIX support
- One 2 dBi external detachable dipole antennas
- WPS push button
- Reset button
- Power: DC 12V, 1A
- Power consumption: 6 Watt max

### Physical Specifications

- Item weight: 190 g (0.42 lb)
- Item dimensions: 140 (W) x 110 (D) x 30 (H) mm (5.51 (W) x 4.33 (D) x 1.18 (H) inch)
- Packing weight: 700 g (1.55 lb)
- Packing dimensions: 247 (W) x 155 (D) x 61 (H) mm (9.72 (W) x 6.1 (D) x 2.4 (H) inch)

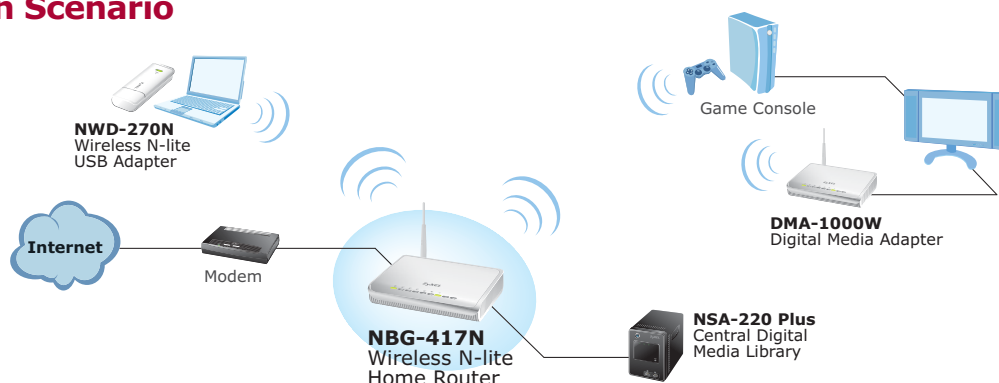
### Environmental Specifications

- Operating temperature: 0°C ~ 40°C/ 32°F ~ 104°F
- Storage temperature: -30°C ~ 70°C/ -22°F ~ 158°F
- Operating humidity: 20% ~ 90% (Non-condensing)
- Storage humidity: 20% ~ 95% (Non-condensing)

### Certification

- Safety: CE LVD
- EMC: CE, FCC, IC, NCC
- Others: Wi-Fi 11b/g, WMM, WPS, Vista Baseline

## Application Scenario



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