

ZyXEL



Advanced Wireless Router for Upgrading Home Networks

N300

- 802.11n compliant, wireless speed of up to 300 Mbps*
- Hardware-accelerated NAT enables better Internet performance on multiple devices
- NetUSB™ ports share printers and storages wirelessly
- QoS enhances user experience on network gaming and multimedia streaming
- Guest WLAN for separating access privileges
- User-friendly interface for easy configuration
- WPS button for quick and easy wireless security setup
- Easy wireless access control with wireless on/off button
- Eco-friendly wireless scheduling and power on/off switch to save energy

ZyXEL's NBG4615 v2 Wireless N300 Gigabit NetUSB Router dramatically accelerates home networks for everyone to fully enjoy the entertainment potential of Internet.

Benefits

High-performance home networks

The NBG4615 v2 delivers better routing performance via its superior hardware-accelerated Network Address Translation (NAT). This allows multiple PCs and laptops throughout the entire house to enjoy better video streaming, data transfer and gaming with whole-home coverage. Just connect Gigabit-capable devices such as network storage appliances and PCs to the NBG4615 v2's Gigabit ports, or link wireless devices such as laptops or smart phones to it for the best experience possible.

NetUSB™ shares USB devices wirelessly

With two NetUSB™ ports, the NBG4615 v2 allows users to share printers or USB mass storage devices over the home network as if the devices were connected directly over the home network to the PC.

Quality of Service (QoS) enhances gaming and multimedia streaming

The NBG4615 v2 enhances user experience for audio, video and voice applications over wireless networks by automatically prioritizing different types of network traffics for the optimal performance using Wi-Fi Multimedia (WMM) technology. In addition, the configurable QoS technology also ensures smooth delivery of gaming, video streaming, VoIP and file downloading.

Guest WLAN for separating access privileges

The NBG4615 v2 allows users to set up Internet-only access for guests, while other network traffics remains protected and private.

Easy mode and expert mode for quick navigation and setup

The NBG4615 v2 features a user-friendly interface with an "Easy Mode" that provides function navigation, basic setup tasks and a comprehensive network map. For advanced setup, the "Expert Mode" provides full setup options for more detailed configurations. The network map on the user interface allows you to see all the networked devices such as PCs and network storage devices.



NBG4615 v2
Wireless N300 Gigabit
NetUSB Router





Specifications

System Specifications

Wireless Standard

- 802.11 b/g/n

Wireless Transfer Rate

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

WLAN Features

- AP mode
- Wireless Internet Service Provider (WISP) mode
- Universal Repeater (UR) mode
- WISP with UR mode
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduler
- Wireless output power management
- Intra - Basic Service Set (BSS) traffic block
- Auto channel selection
- MAC address filtering
- Guest WLAN

Routing

- Network Address Translation (NAT)(NAT session: 32000)
- Port forwarding
- DHCP server on LAN
- DHCP/PPPoE /PPTP client on WAN
- Protocol-based Quality of Service (QoS)
- Dynamic DNS
- IGMP v1/v2
- Auto-IP change

VPN Pass-through

- PPTP
- L2TP
- IPsec

Firewall

- Denial-of-service (DoS) attack prevention

System Management

- NetUSB™ support
- Online firmware upgrade

Others

- UPnP
- NTP client

Hardware Specifications

- WAN: One 10/100/1000 Mbps Ethernet RJ-45 port with auto MDI/MDIX support
- LAN: Four 10/100/1000 Mbps Ethernet RJ-45 ports with auto MDI/MDIX support
- Two USB 2.0 ports
- LED indicators:
 - Power
 - LAN (1 - 4)
 - WAN
 - WLAN
 - WPS
 - USB
- Two 2 dBi detachable antennas
- Button/Switch:
 - Wireless On/Off button
 - WPS button
 - Reset button
 - Power On/Off button
- Power: 12 V DC, 1.5 A
- Power consumption: 16.2 watt max

Physical Specifications

- Item dimensions (WxDxH): 159 x 111 x 23 mm (6.26" x 4.37" x 0.91")
- Item weight: 246 g (0.54 lb.)
- Packing dimensions (WxDxH): 272 x 60 x 194 mm (10.71" x 2.36" x 7.64")
- Packing weight: 682 g (1.51 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.

Application Diagram



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