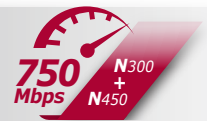


ZyXEL



Highly Advanced Router Optimizes for HD Media Streaming



- Compliant with 802.11n featuring concurrent wireless speeds of up to 750 Mbps*
- True dual-band networks optimized for HD media streaming experience
- DLNA support for easy home media sharing
- Hardware-accelerated NAT enables better Internet performance on multiple devices
- Advanced QoS prioritizes video and gaming enjoyment
- Guest WLAN to provide separate, limited network access privileges
- Simple mass storage sharing via USB ports
- WPS button for quick, easy wireless security setup
- Easy wireless access with wireless on/off button
- Energy savings with eco-friendly wireless scheduling and power on/off button

The ZyXEL NBG5615 Simultaneous Dual-Band Wireless N750 Media Router is compliant with 802.11n to enable high-performance, simultaneous multimedia streaming, gaming and file sharing among multiple home users. The dual-band network capability allows users to set up home wireless environment with the maximum flexibility for concurrent optimized HD media and web surfing.

Benefits

Dual-band support offering a stable wireless network

The ZyXEL NBG5615 provides more stable and reliable wireless connections for your home network at speeds of up to 750 Mbps* over the concurrent dual-band network. The NBG5615 works on the interference-free 5 GHz for smooth video streaming and gaming in addition to the essential 2.4 GHz for web surfing and file transferring at the same time to fulfill different applications demands.

DLNA support for easy home media sharing

The DLNA-supported ZyXEL NBG5615 enables sharing of digital media such as music, photos and videos through the networking environment among DLNA compatible devices like media players, laptops, smart TVs and smart phones by facilitating the compatibility of these network devices. Just plug your USB storage device into the NBG5615 and enable media streaming to the TV with mobile control.

Advanced Quality of Service (QoS) offers high media streaming stability

For users who demand greater bandwidth for high-speed services, the ZyXEL NBG5615's advanced QoS enhances stability of multiple HD video streams, gaming, VoIP audio and web surfing.

Hardware-accelerated Network Address Translation (NAT) for high network performance

The ZyXEL NBG5615 offers better routing performance via its hardware-accelerated NAT. This allows multiple networking devices throughout the entire house to enjoy better video streaming, online gaming and data transfer with whole-home coverage.

Simple mass storage sharing via USB ports

The ZyXEL NBG5615 allows users to share USB devices over the home network. The NBG5615 features two USB ports to allow users to share printers or USB mass storage devices. Just plug the USB devices to the NBG5615, and family members throughout the house can enjoy media steaming on their PC, laptop or mobile devices.



NBG5615
Simultaneous Dual-Band
Wireless N750 Media Router





Specifications

System Specifications

Wireless Standard

- 802.11 a/b/g/n

Wireless Transfer Rate

- Transmit: 300 Mbps* for 2.4 GHz and 450 Mbps* for 5 GHz
- Receive: 300 Mbps* for 2.4 GHz and 450 Mbps* for 5 GHz

WLAN Features

- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless output power management
- MAC address filtering

Routing

- Network Address Translation (NAT)
- Demilitarized Zone (DMZ)
- Static IP, DHCP, PPPoE, PPTP
- DHCP server/client
- IGMP v1/v2
- Dynamic DNS
- Bandwidth management
- Protocol-based Quality of Service (QoS)
- Auto-IP change
- UPnP

VPN Pass-through

- IPSec
- PPTP
- L2TP

Firewall

- Denial of Service (DoS) prevention

System Management

- Online firmware upgrade

Wireless Security

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

USB Support

- Printers support by NetUSB™
- Mass storage support by SMB/CIFS/FTP

Media Server

- DLNA

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
- LED Indicators:
 - Power
 - WAN (Internet)
 - LAN (1 – 4)
 - Wireless (2.4 GHz and 5 GHz)
 - WPS
 - USB (USB1 and USB2)
- Three fixed external antennas
- Buttons:
 - Power on/off button
 - Wireless on/off button
 - WPS button
 - Reset button
- Power: 12 V DC, 2.0 A
- Power consumption: 16 watt max

Physical Specifications

- Item dimensions (WxDxH): 186 x 120 x 30 mm (7.32" x 4.72" x 1.18")
- Item weight: 308 g (0.68 lb.)
- Packing dimensions (WxDxH): 275 x 113 x 194 mm (10.82" x 4.45" x 7.64")
- Packing weight: 947 g (2.09 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

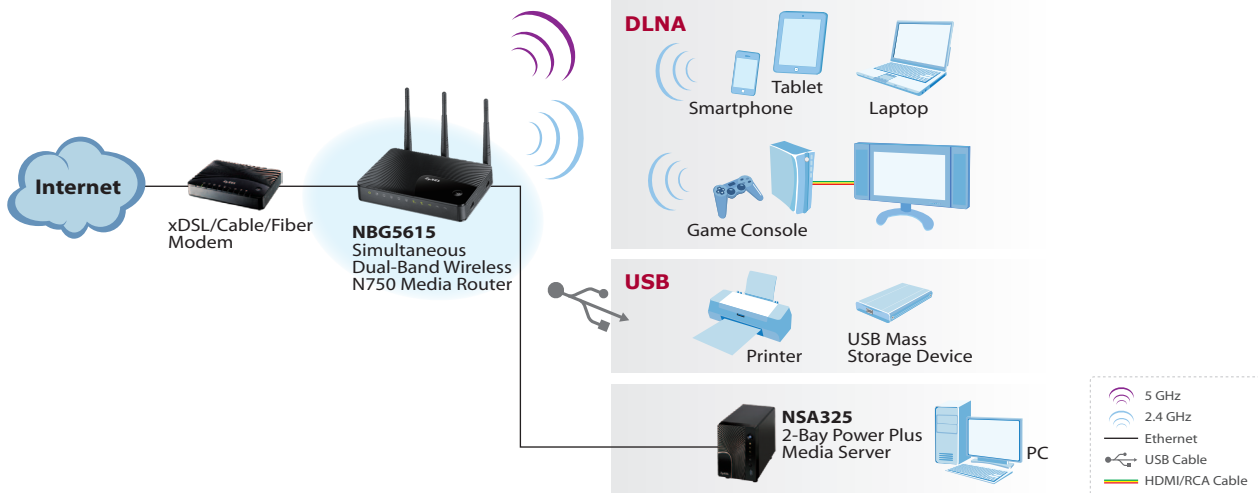
- Safety: CE LVD
- EMC: CE with DFS, FCC without DFS

Package Contents

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

*The maximum wireless data transfer rate of up to 300 Mbps for 2.4 GHz and 450 Mbps for 5 GHz simultaneously, which 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



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



Copyright © 2013 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.