ZYXEL

NBG6515

AC750 Dual-Band Wireless Gigabit Router

Are you experiencing slow wireless speeds on your favorite new mobile device? Give it the speed it deserves — upgrade your home network with the Zyxel NBG6515, AC750 Dual-Band Wireless Gigabit Router. Equipped with 802.11ac technology, the NBG6515 boosts wireless speeds to as high as 750 Mbps* on your wireless network.

Benefits

Powered by 802.11ac technology

The Zyxel NBG6515 enables you to utilize wireless technology to achieve faster wireless speeds among the latest wireless mobile devices, which enable smoother HD video streaming, lag-free multiplayer gaming and overall faster wireless online activities.

- 802.11ac technology for modern wireless mobile devices
- Wireless data speeds of up to 750 Mbps*
- Powerful, reliable wireless coverage with advanced antennas
- Connect wireless devices quickly with the WPS button
- Quick, easy to setup

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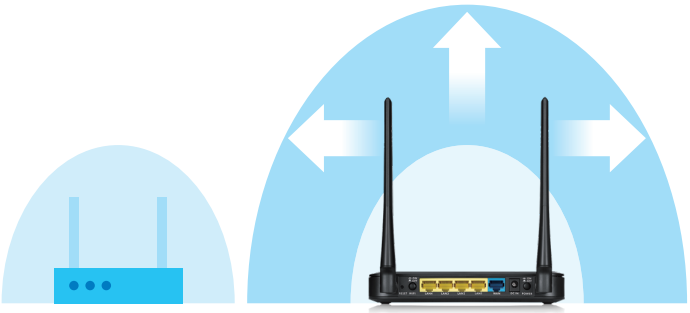
Powerful, reliable wireless coverage with advanced antennas

Equipped with two external antennas (3 dBi: 2.4 GHz, 5 dBi: 5 GHz), the Zyxel NBG6515 provides strong wireless coverage throughout the premises. Enjoy reliable wireless Internet access wherever you are at home.



Powerful, reliable wireless coverage with advanced antennas

Stream and share your digital contents with a USB drive

Connect a USB storage device to the Zyxel NBG6515 for it to share the stored photos, music and videos throughout your network with its DLNA support. It's great for the existing set top boxes or video game consoles with DLNA support to create a connected home theater experience.

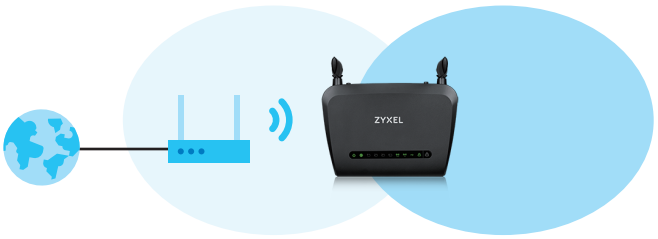
Gigabit Ethernet ports for fast wired networks

Create a wired network of up to 1000 Mbps taking advantage of the Zyxel NBG6515's Gigabit Ethernet ports, which ensures your wired network gets the highest data speed for HD video streaming or faster large data transfers.

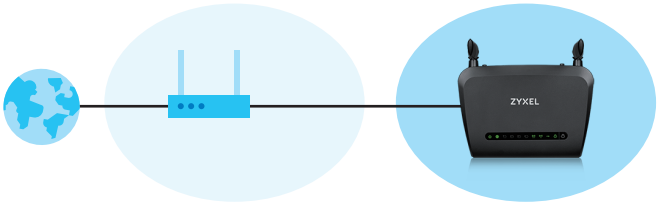
Supports for access point and repeater modes

Not only does the Zyxel NBG6515 share Internet access, it also acts as a dedicated wireless access point to create a wireless network, upgrade the existing one, or extend your existing wireless network with the repeater mode.

Repeater
Extend Wireless coverage to your router



AP Mode
Connect back to your router to create a new wireless coverage



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
  - 433 Mbps* for 5 GHz
- Receive:
  - 300 Mbps* for 2.4 GHz
  - 433 Mbps* for 5 GHz

Wireless Features
- AP mode
- Universal repeater mode
- Guest Wi-Fi
- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless output power management
- Auto channel selection
- MAC address filtering

Routing
- Network Address Translation (NAT)
- Connection type: Static IP, DHCP, PPPoE
- DHCP server/client
- Dynamic DNS
- Bandwidth management
- Auto-IP change
- Support IPv6
- UPnP

VPN Pass-through
- IPSec/PPTP/L2TP

Firewall
- Deny of Service (DoS) prevention

USB Support
- Mass storage support by SMB/CIFS/FTP
- Print server

Media Support
- DLNA

System Management
- Online firmware upgrade
- Remote management

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
  - LAN 1 - 4
  - Wireless 2.4 GHz
  - Wireless 5 GHz
  - USB
  - WPS
- 2 non-detachable external antennas (3 dBi for 2.4 GHz and 5 dBi for 5 GHz)
- Buttons:
  - Power on/off button
  - Wireless on/off button
  - WPS button
  - Reset button
  - Switch button for Router/AP/Repeater
- Power: 12 V DC, 1.0 A
  - EU: EU plug+UK plug
  - US: US plug only

Physical Specifications

- Item dimensions (WxDxH): 175 x 115 x 23 mm (6.89" x 4.52" x 0.9")
- Item weight: 265.4 g (0.59 lb.)
- Packing dimensions (WxDxH): 293 x 164 x 44 mm (11.5" x 6.45" x 1.7")
- Packing weight:
  - US: 540 g (1.19 lb.)
  - EU: 590 g (1.3 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, BSMI
- EMC: CE, FCC, IC, BSMI

Package Contents

- Wireless router
- Power adapter
- Ethernet cable
- Quick start guide (Warranty card included)

* The maximum wireless data transfer rates of up to 300 Mbps at 2.4 GHz and 433 Mbps at 5 GHz in simultaneous transmission are derived from the IEEE Standard 802.11 specifications. Actual data transfer rates may vary from network conditions including: distance, network traffics, building site material/construction, interference from other wireless devices and other adverse factors.

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Your Networking Ally

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