ZYXEL NETWORKS

NBG6615

AC1200 MU-MIMO Dual-Band Wireless Gigabit Router

Creates a wireless network for your home or apartment to connect more devices wirelessly with faster 11ac wave 2 technology. The Zyxel NBG6615 AC1200 MU-MIMO Dual-Band Wireless Gigabit Router features four robust external antennas for dedicated 2.4 GHz and 5 GHz wireless bands to provide wider coverage.

Benefits

NBG6615 for improved home network experience

Upgrade your home network with the Zyxel NBG6615 AC1200 MU-MIMO Dual-Band Wireless Gigabit Router. The NBG6615 boots lightning fast, allowing you to enjoy more online connectivity sooner. With the latest 802.11ac wave 2 technology, the NBG6615 boosts wireless speeds of up to 4 times faster than traditional 11n single-band routers.

- High speed wireless AC1200
- Gigabit Ethernet for blazing fast multimedia streaming
- Four adjustable high performance antennas for optimized connections
- Connect more devices at fast speeds with MU-MIMO technology
- A faster boot time when starting up your NBG6615

Two wireless network for better connections to more WiFi devices

The Zyxel NBG6615 dual-band wireless router allows you to create two wireless networks that connect up to 64 devices: one 2.4 GHz network can be used for regular web browsing, while the other at 5 GHz allows HD video streaming or online gaming.

Improved Wireless Performance with MU-MIMO

MU-MIMO support provides accelerated and simultaneous WiFi speed when there are multiple MU-MIMO ready devices connected to the Zyxel NBG6615, enabling the best possible performance and efficiency.

4-port Gigabit Ethernet for blazing data transmission speed

The Zyxel NBG6615 provides 4-port gigabit Ethernet, enabling you to expand your network effortlessly with your wired devices. It features top of line Ethernet connection speed for all your wired devices.

High power wireless router for stable long-range connection

The NBG6615 comes with four high-performance external antennas with two dedicated antennas per WiFi radio. It provides a long-range connection for you to enjoy services throughout the home network.

Wall mount option for more flexibility

The Zyxel NBG6615 comes with wall-mount placement option to provide users with flexibility to place it in any house corner. Mount our router on an elevated area on your wall to provide maximum WiFi performance and coverage.

Specifications

System Specifications

Wireless Standard
- IEEE 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n/ac 5 GHz

Wireless Speed
- Transmit:
  - 300 Mbps* for 2.4 GHz
  - 867 Mbps* for 5 GHz
- Receive:
  - 300 Mbps* for 2.4 GHz
  - 867 Mbps* for 5 GHz

Transmission Power
- CE:
  - <=20dBm (2.4G frequency band: 2.400 – 2.4835 GHz)
  - <=23dBm (5G frequency band: 5.150 – 5.350 GHz)
  - <=28dBm (5G frequency band: 5.470 – 5.725 GHz)**

Wireless Security
- WPA-PSK/WPA2-PSK

Wireless Features
- Guest WiFi
- WiFi Protected Setup (WPS)
- WiFi Multimedia (WMM)
- Auto channel selection
- Wireless output power management
- Wireless scheduling
- MAC address filtering

Routing
- Network Address Translation (NAT)
- WAN type: Static IP, DHCP, PPPoE, PPTP
- DHCP server/client
- IGMP v1/v2
- Auto-IP change
- Dynamic DNS

Firewall
- Stateful Packet Inspection (SPI)
- Deny of Service (DoS)

System Management
- Online firmware upgrade
- Remote management
- UPnP

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 port with auto MDI/MDIX support
- LED indicators:
  - Power/SYS
  - WAN
  - WLAN 2.4G
  - WLAN 5G
- Buttons:
  - Reset
  - WPS
- Power: 12 V DC, 1.5 A
- Power consumption: 13 w

Physical Specifications

- Item dimensions (WxDxH): 160 x 111.8 x 29.2 mm (6.3" x 4.4" x 1.1")
- Item weight: 254 g (0.56 lb.)
- Packing dimensions (WxDxH): 335 x 240 x 48.9 mm (13.18" x 9.44" x 1.93")
- Packing weight: 685 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)

Certifications

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

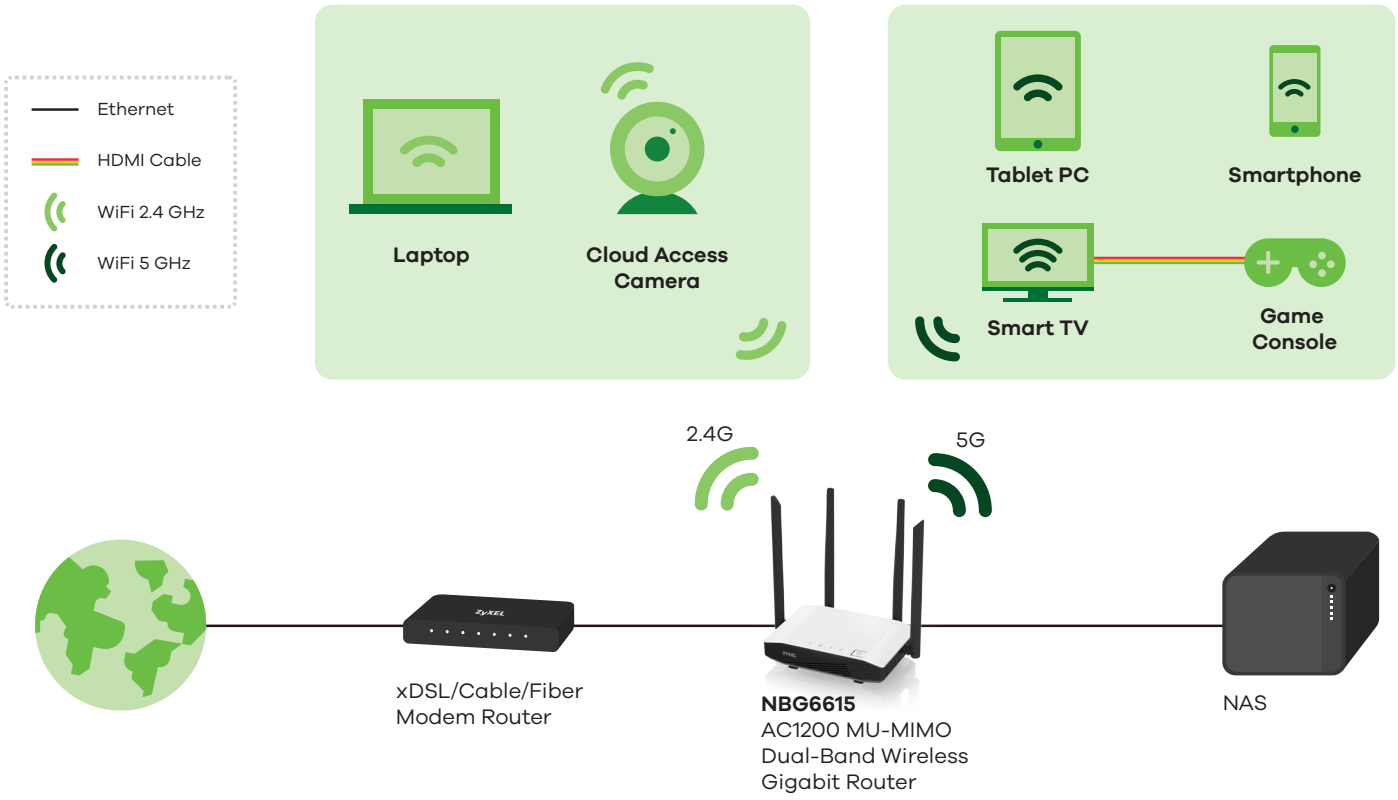
Package Contents

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

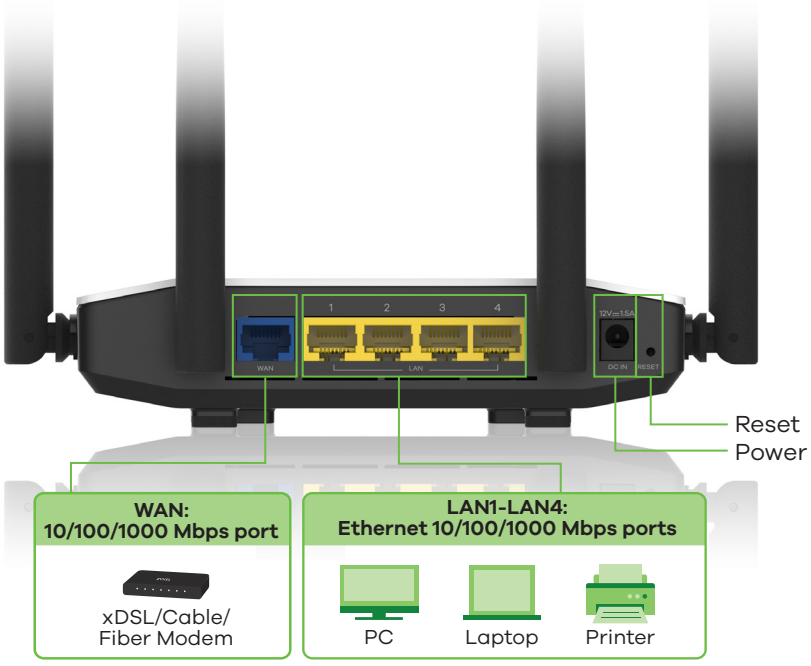
* The maximum wireless data transfer rates of up to 300 Mbps at 2.4 GHz and 867 Mbps at 5 GHz in simultaneous transmission are derived from the IEEE Standard 802.11 specifications. Actual data transfer rates may vary from network conditions including: distance, network traffics, building site material/construction, interference from other wireless devices and other adverse factors.

**Note: 5G frequency band: 5.470 – 5.725 GHz is not allowed for Egypt.

Application Diagram



Rear Panel



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