

ZyXEL



www.zyxel.com/green

- Compliant with 802.11n, wireless speeds of up to 450 Mbps* over concurrent dual-band connectivity
- True dual networks optimize HD media and web surfing experiences simultaneously
- Advanced QoS offers smoother media streaming over fiber broadband service
- Beamforming technology widely extends the effective wireless coverage
- Gigabit Ethernet for reliable high-performance video streaming
- 2 NetUSB™ ports for sharing printers and USB mass storages wirelessly
- 5 IPsec VPN tunnels secures data transfer between home networks and remote sites
- LED light on/off button provides better environmental compatibility
- Green product with wireless on/off button and power on/off switch to save energy

NBG5715 Simultaneous Dual-Band Wireless N Media Router

Gear Up for a New Era of HD Media Network!

Benefits

True dual networks optimize HD media and web surfing experiences simultaneously

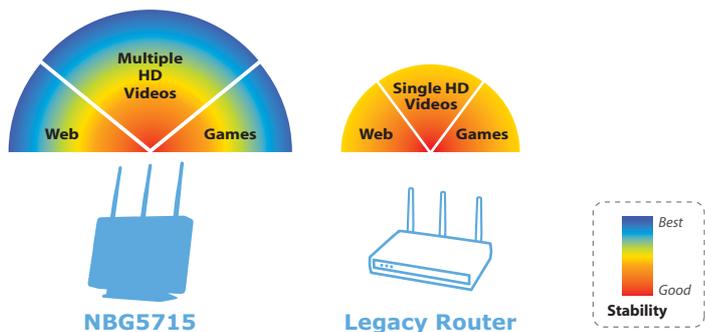
With three dual-band antennas featuring MIMO technology, the NBG5715 provides you the ultimate visual experiences over the true dual networks at blazing data transfer rates of up to 450 Mbps*. You can simultaneously surf the Web over the common 2.4 GHz band with fast speeds and watch HD video or play online games over the interference-free 5 GHz band with smooth playback.

With four Gigabit Ethernet ports, the NBG5715 offers steadfast performance of video streaming with speeds 10 times faster than typical Ethernet connections.



Advanced QoS offers smoother media streaming over fiber broadband service

For users who demands high bandwidth media streaming services over fiber broadband service, the advanced QoS of ZyXEL NBG5715 enhances the stability of multiple HD video streams, gaming, voice over IP, and web surfing.

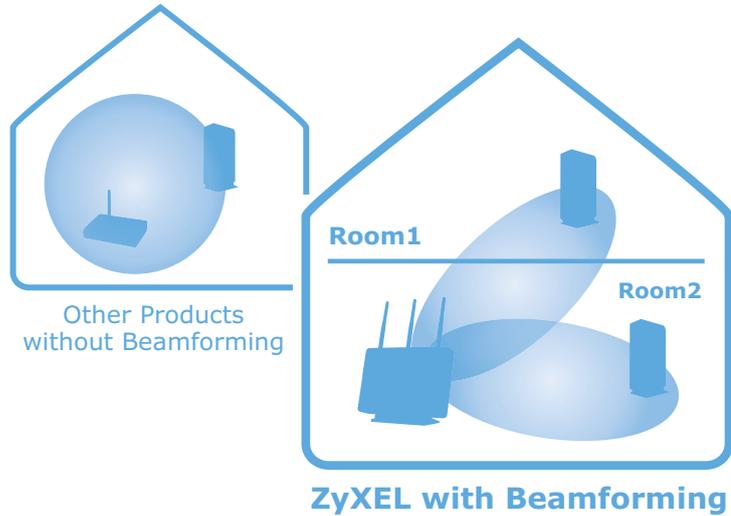




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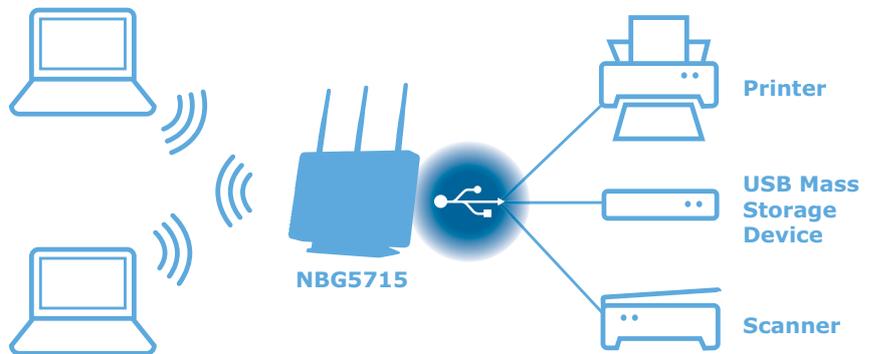
Effective wireless coverage extension

Thanks to the beamforming technology, the NBG5715 provides effective wireless coverage by transmitting wireless signals directly to other wireless network devices such as tablet PCs, laptops and game consoles. You can enjoy digital entertainment content without dead spots in every room at home.



Easy to share wirelessly

The NBG5715 allows users to share up to four USB devices over the home network through the NetUSB™ support. With two built-in USB ports, the NBG5715 can share printers or USB mass storage devices as if the devices were connected directly on the PC; just plug the USB devices to the NBG5715, the family members everywhere at home can use them wirelessly.



Specifications

System Specifications

Wireless Standard

- 802.11a/b/g/n

Wireless Transfer Rate

- Transmit: 450 Mbps* for dual bands
- Receive: 450 Mbps* for dual bands

Wireless Security

- WEP, WPA-PSK, WPA2-PSK, WPA, WPA2

Wireless Features

- Wi-Fi Protected Setup (WPS)
- Wi-Fi Multimedia (WMM)
- Wireless scheduling
- Wireless output power management
- MAC address filtering
- AP mode
- NetUSB™ support

Routing

- NAT (NAT session: 16000)
- HW NAT
- DHCP server on LAN
- DHCP client on WAN
- DDNS
- Advanced QoS
- Diagnostic logs

VPN Pass-through

- IPsec
- PPTP
- L2TP

VPN

- IPsec VPN with 5 tunnels

Firewall

- Stateful Packet Inspection (SPI)
- Deny of Service (DOS) Prevention

Others

- UPnP
- NTP client
- DNS proxy

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
 - WAN
 - Internet
 - LAN (1 ~ 4)
 - Wireless 2.4 GHz
 - Wireless 5 GHz
 - WPS
 - USB1
 - USB2
- Three 2 dBi detachable dual-band antennas
- Button/Switch:
 - Power on/off switch
 - Wireless on/off button
 - LED light on/off button
 - Two USB eject buttons
 - WPS button
 - Reset button
- Power: 12 V DC, 2 A
- Power consumption: 21 Watt max

Physical Specifications

- Item weight: 490 g (1.08 lb)
- Item dimensions (WxDxH): 214 x 74 x 165 mm (8.42" x 2.91" x 6.49")
- Packing weight: 1,040 g (2.3 lb)
- Packing dimensions (WxDxH): 276 x 195 x 101 mm (10.86" x 7.68" x 3.98")

Environmental Specifications

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

Certification

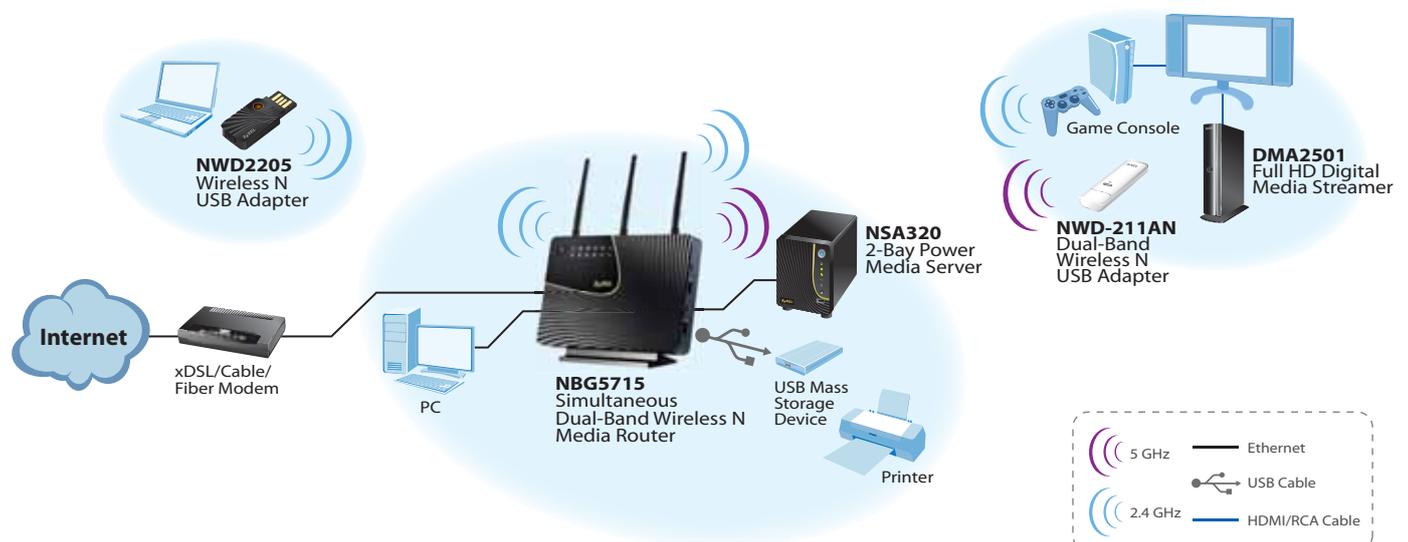
- Safety: CE LVD
- EMC: CE, FCC

Package Contents

- Wireless router
- Three detachable dual-band 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





NBG5715 Simultaneous Dual-Band Wireless N Media Router

User-Friendly Design



Rear Panel



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



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