

ZyXEL



Extreme Wireless Performance and Dead Spot-Free Coverage



- **Best-of-breed 802.11n Draft 2.0 Wireless Technology for Extreme 6x Performance and 5x Coverage**
- **2 IPSec VPN Tunnels for Secure Data Transfers from Remote Sites to the Central Server**
- **Secure Wireless Connection with WPA and WPA2**
- **Built-in MBM v2 Technology for Traffic Shaping**
- **Wi-Fi Protected Setup (WPS) for Easy Wireless Security Setup**

Benefits

802.11n Technology

ZyXEL NBG420N 802.11n Wireless Broadband Router featuring 802.11n Draft 2.0 Technology provides the ultimate solution for speed and coverage. With data rate up to 300 Mbps, 6x faster than 802.11g standard, the NBG420N provides stable and reliable wireless connections for high-speed data and multimedia delivery. The NBG420N eliminates dead zones and extends 5x coverage by using the upcoming IEEE 802.11n technology, and it is backward compatible with any IEEE 802.11b/g Wi-Fi certified device.

Media Bandwidth Management

With ZyXEL's exclusive Media Bandwidth Management v2 (MBM v2™), the NBG420N provides the most comprehensive way to smartly manage your limited bandwidth for multimedia applications.

Enhanced Security with WPA2 and Firewall

To protect your wireless data transmissions, the NBG420N provides Wi-Fi Protected Access and WPA2 featuring AES standard. The NBG420N has Stateful Packet Inspection (SPI) firewall and VPN pass-through creating a secure connection at any remote location. Policies can be defined on the NBG420N providing customized filters.

VPN (Virtual Private Network) Connection

The NBG420N supports IPSec VPN suitable for deployment from remote sites to the central server. Data encryption over the Internet ensures secure transmission between two sites, which eliminates the need for expensive leased lines and enables global interconnectivity at a minimal expense.



Wireless N Router

NBG420N

GATEWAY



Specifications

System Specifications

- 802.11n Draft 2.0 Wireless
- MBM v2 for QoS
- SPI Firewall
- DMZ
- WPA/WPA2
- DHCP Server/Client
- SIP ALG
- UPnP
- VPN pass-through
- Dynamic DNS (4 Services)
- Connection Type: PPPoE, PPTP, DHCP, Static IP
- Log and Statistics
- 2 IPSec VPN
- Wi-Fi Protected Setup (WPS)

Hardware Specifications

- LAN: Four 10/100Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- WAN: One 10/100Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- Power: 12 VDC 1.0 A
- Two 1.8 dBi external detachable dipole antennas

Physical Specifications

- Dimensions: 162 (W) x 115 (D) x 33 (H) mm
- Weight: 230 g

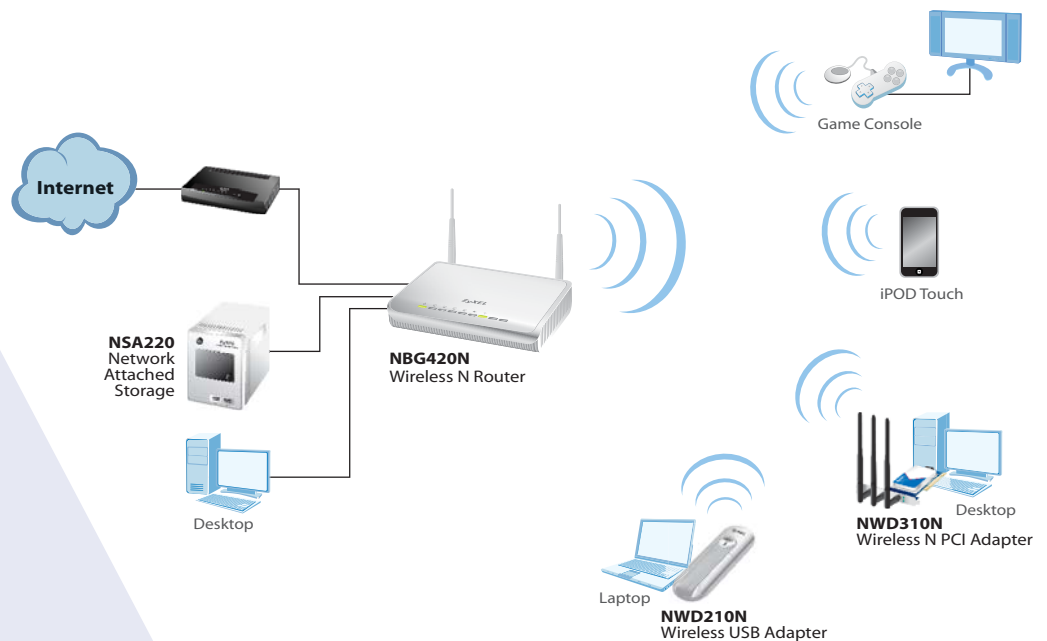
Environmental Specifications

- Operating temperature: 0°C ~ 40°C
- Operating humidity: 20% ~ 85%
- Storage temperature: -20°C ~ 60°C
- Storage humidity: 20% ~ 90%

Certification

- Safety: CSA international
- EMI: CE, FCC part 15B

Application Diagram



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