






# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ZYXEL NBG-419N. You'll find the answers to all your questions on the ZYXEL NBG-419N in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ZYXEL NBG-419N  
User guide ZYXEL NBG-419N  
Operating instructions ZYXEL NBG-419N  
Instructions for use ZYXEL NBG-419N  
Instruction manual ZYXEL NBG-419N

**A Green and Easy Way for Multimedia Enjoyments**

- 802.11n Draft Certified, Wireless Speed Up to 300 Mbps\*
- QoS Enhances User Experiences on Network Gaming and Multimedia Streaming
- Friendly User Interface for Fast Function Navigation and Setup
- Easy Control of Home Wireless Access with Wireless On/Off Switch
- Eco-friendly Wireless Scheduling Saves Energy
- Wi-Fi Protected Setup (WPS) Button to Simplify Secure Network Setup
- Enhanced Security with WEP, WPA/WPA2 and Firewall






**Benefits**

**High-Performance Router for Gaming and Video Streaming**  
The ZyXEL NBG-419N Wireless N Router features the latest 802.11n technology to offer a cost-effective solution for users upgrading their networks to the next generation. With a speed six times faster than the standard 802.11g networks, the NBG-419N provides more stable and reliable wireless connections for high-speed data and multimedia deliveries. It surely provides a better internet experience, and better yet, it's backward compatible with the existing 802.11g networks.

**QoS Enhances User Experiences on Network Gaming and Multimedia Streaming**  
With Wi-Fi Multimedia (WMM) technology by automatically prioritizing different types of network traffic to optimal performance, NBG-419N can enhance user experiences for audio, video and voice applications over wireless networks. The configurable QoS ensures smooth delivery of gaming, video streaming, VoIP and downloading, so your most important needs receive the priority you set.

**Easy Mode and Expert Mode for Quick Navigation and Setup**  
Designed with a user-friendly interface, NBG-419N provides the "Easy Mode" for navigating functions, basic setup tasks, and providing a comprehensive network map. With the Easy Mode that simplifies the system configuration tasks, you can enable or disable the frequent setup options such as Game Engine, Power Saving, Content Filtering and Bandwidth Management with just one click. Users just click the On/Off icons to enable the Game Engine function and set the gaming traffic as first priority to ensure the smooth delivery of gaming over Xbox 360, PlayStation, Game.net, and NBG-419N Game Zone. For advanced setups, "Expert Mode" provides full setup options for more detailed configuration.

**NBG-419N  
Wireless N Home Router**


[You're reading an excerpt. Click here to read official ZYXEL NBG-419N user guide](http://yourpdfguides.com/dref/3685344)  
<http://yourpdfguides.com/dref/3685344>

**Manual abstract:**

11g networks, the NBG-419N provides more stable and reliable wireless connections for high-speed data and multimedia deliveries. It surely provides a better Internet experience, and better yet, it's backward compatible with the existing 802.11b/g networks. QoS Enhances User Experiences on Network Gaming and Multimedia Streaming With Wi-Fi Multimedia (WMM) technology, by automatically prioritizing different types of network traffics to optimal performance, NBG-419N can enhance users' experiences for audio, video and voice applications over wireless networks. The configurable QoS ensures smooth delivery of gaming, video streaming, VoIP and downloading, so your most important needs receive the priority you set. Easy Mode and Expert Mode for Quick Navigation and Setup Designed with a user-friendly interface, NBG-419N provides the "Easy Mode" for navigating functions, basic setup tasks and providing a comprehensive network map. With the Easy Mode that simplifies the system configuration tasks, you can enable or disable the frequent setup options such as Game Engine, Power Saving, Content Filtering and Bandwidth Management with just one click. @@@@ @@@@ Users can easily set up its wireless usage schedule under Easy Mode. @@@@ @@@@ The NBG419N's six-level output power control capability makes you a good wireless neighbor starting from the first day having it installed. Enhanced Security with WEP, WPA/WPA2 and Firewall 64/128-bit WEP, and WPA/WPA2 are supported to provide stringent protection for wireless transmissions.

In addition, the NBG-419N is equipped with firewall features including DoS (Denial-of-Service), Network Address Translation (NAT), VPN Pass-through (IPSec, PPTP, & L2TP) to prevent attacks from the Internet. Specifications System Specifications WLAN Feature: · 802.11b/g and 802.11n draft · Wi-Fi Protected Setup (WPS) · Wi-Fi Multimedia (WMM) · Wireless scheduling · Wireless security: 64/128 bit WEP, WPA/WPA2 · Mac address filtering Routing: · NAT · DoS Prevention Firewall · Connection type: Static IP, DHCP, PPPoE, PPTP, L2TP · DHCP server/client · IGMP v1/v2 · Dynamic DNS · Bandwidth management · VPN pass-through (IPSec, PPTP, L2TP) · UPnP · Diagnostic logs Hardware Specifications · LAN: Four 10/100 Mbps Ethernet RJ-45 connector with auto MDI/MDIX support · WAN: One 10/100Mbps Ethernet RJ-45 connector with auto MDI/MDIX support · Two 2 dBi external detachable dipole antennas · Wireless on/off switch · WPS push button · Reset button · Power: DC 12 V, 1A · Power consumption: 6 Watt max Environmental Specifications · Operating environmental: · Temperature: 0°C ~ 40°C/32°F ~ 104°F · Humidity: 20% ~ 90% (Non-condensing) · Storage environmental: · Temperature: -30°C ~ 70°C/-22°F ~ 158°F · Humidity: 20% ~ 95% (Non-condensing) Certification · Safety: CE LVD · EMC: CE, FCC, IC, NCC · Others: Wi-Fi 11b/g/n, WMM, WPS, Vista baseline Physical Specifications · Item weight: 252 g (0.56 lb) · Item dimensions: 162 (W) x 115 (D) x 33 (H) mm (6.38 (W) x 4.53 (D) x 1.3 (H) inch) · Packing weight: 785g (1.73 lb) · Packing dimensions: 273 (W) x 230 (D) x 68 (H) mm (10.75 (W) x 9.05 (D) x 2.68 (H) inch) Package Contents · Wireless router · Two removable antennas · Power adapter · Ethernet cable · Quick start guide · Support CD · Warranty card Application Diagram Game Console NWD-211AN Dual-band Wireless N USB Adapter DMA-2500 Full HD Digital Media Streamer Internet xDSL/Cable Modem NSA-220 Plus Central Digital Media Library For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com) Copyright © 2009 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp. @@@@All specifications are subject to change without notice. 65-100-041901B 04/09 .



[You're reading an excerpt. Click here to read official ZYXEL](#)

[NBG-419N user guide](#)

<http://yourpdfguides.com/dref/3685344>