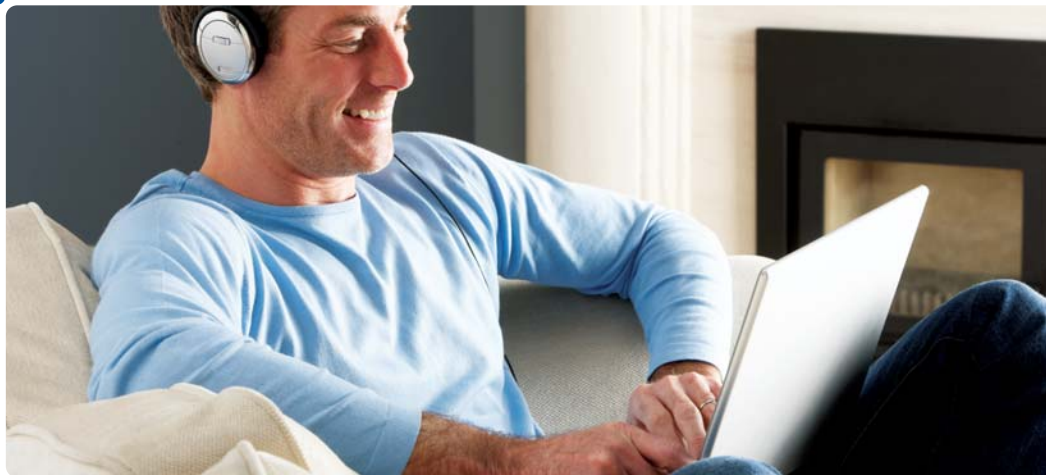


ZyXEL



www.zyxel.com/green

- 802.11n AP function built-in (2x2)
- Standard-based WPS for easy and secure WLAN establishment
- Robust SPI Firewall protection
- Effective bandwidth management for Triple Play applications
- Remote provisioning and management through TR-069

P-660HN-5x Series

802.11n Wireless ADSL2+ Gateway

300 Mbps Ultra High Speed 802.11n ADSL2+ Wireless Gateway

Benefits

802.11n Technology for extreme performance and coverage

The P-660HN-5x Series featuring 802.11n Technology provides the ultimate solution for speed and coverage. With data rates of up to 300 Mbps, the P-660HN-5x Series provides stable and reliable wireless connections for high-speed data and multimedia delivery. It eliminates dead zones and extends coverage by using IEEE 802.11n technology and is backward compatible with any IEEE 802.11b/g Wi-Fi certified device.

Wi-Fi Protection Setup (WPS)

WPS is a standard for easy and secure establishment of wireless networks. With WPS, the device will automatically configure a wireless network with a network name (SSID), and strong WPA data encryption and authentication. WPS makes the configuration of secure personal wireless networks as simple as pushing a button or entering a Personal Identification Number (PIN) code.

Robust SPI Firewall security

The Stateful Packet Inspection (SPI) Firewall works on the network layer by examining header and footer of a packet, and it also ensures the packet belongs to a valid session. Based on SPI, Denial of Service (DoS) and DDoS features, the P-660HN-5x Series provides the first-line defense against hackers, network intruders, and other harmful threats.

Quality of Service (QoS) support

The P-660HN-5x Series comes equipped with essential ATM QoS features. Service providers can freely design their QoS policy and prioritize the mission-critical services such as IPTV and VoIP based on their service plans. This increases network efficiency and productivity to enable service providers to bring real multi-play into the daily life of residential users.

TR-069 Remote Management

With TR-069 standard management specifications, service providers are able to manage and configure client devices remotely without manual intervention from end users. This unique feature not only offers user true "Plug and Play" experience but also reduces the complexity of deployment, and therefore saves operating and maintenance costs for service providers.





P-660HN-5x Series 802.11n Wireless ADSL2+ Gateway

Specifications

System Specifications

ADSL Compliance

- ITU 992.1 (G.dmt)
- ITU 992.3 ADSL2 (G.dmt.bis)
- ITU 992.5 ADSL2+
- Reach-Extended ADSL (RE ADSL)
- Annex L/M support

WLAN

- IEEE 802.11n compliance, backward compatible with 11b/g
- Frequency Operation: 2.4 GHz
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access) Security
- Wi-Fi Multimedia (WMM)
- Wi-Fi Protected Setup (WPS)

Router

- NAT
- Dynamic DNS
- DHCP Server/Client/Relay
- RIP I/RIP II support
- IGMPv1 and v2 support
- UPnP support
- 802.1Q/1P

Firewall

- Stateful Packet Inspection (SPI)
- Denial of Service (DoS) Prevention

Security

- Multiple VPN (IPSec, PPTP) pass-through
- Packet Filtering
- URL keyword blocking

Management

- Embedded Web Configuration
- TR-069/TR-098, TR-106, TR-111 support
- Logs and Statistics
- Remote Management Control: Telnet, FTP, Web, and DNS

Hardware Specifications

- ADSL port: 1 x RJ-11 for P-660HN-51, 1 x RJ-45 for P-660HN-53
- Ethernet port: 4 x RJ-45
- Power input: 12V DC 1A
- Reset button
- WPS and WLAN ON/OFF hardware button (coexisting)
- Two internal 3.5 dBi antennas
- LED displays
 - Power
 - Ethernet (1-4)
 - WLAN/WPS
 - DSL
 - Internet

Physical Specifications

- Item weight: 374 g (0.83 lb)
- Item dimensions (WxDxH): 40 x 132 x 188 mm (1.57" x 5.2" x 7.4")
- Packing weight: 786 g (1.74 lb)
- Packing dimensions (WxDxH): 100 x 156 x 273 mm (3.94" x 6.14" x 10.75")

Environmental Specifications

Operating Environment

- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 85% RH (non-condensing)

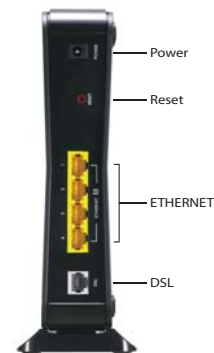
Storage Environment

- Temperature: -20°C ~ 60°C
- Humidity: 20% ~ 90% RH (non-condensing)

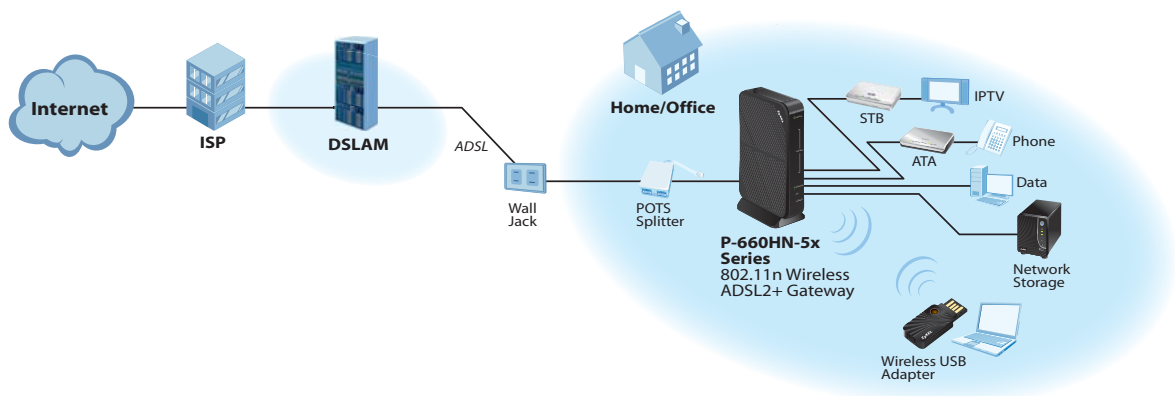
Certification

- Safety: CE, CSA
- EMI: CE, FCC

Rear Panel



Application Diagram



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

