ZyXEL

- Powerful throughput and better range with Wi-Fi 802.11n performance
- Lag-free on-line gaming experience
- Eco-friendly wireless power on/off button with wireless scheduling feature
- Embedded QoS prioritizes traffics for time-sensitive applications
- File sharing and exchange via USB 2.0
- Stylish, user-friendly GUI

300 Mbps Ultra High-speed 802.11n ADSL2+ Wireless Security Gateway

Benefits

Powerful throughput and better range with Wi-Fi 802.11n performance

The 802.11n technology provides the ultimate solution for high-speed wireless connection with data rates of up to 300 Mbps. The 2x2 technology makes use of your home environment by bouncing wireless signals off of walls and ceilings to work around obstructions. The P-660HNU-F1 exceeds high-speed wireless access requirements for impressive performance, extended range, co-existence with other 802.11 b/g clients and access points as well as the ability to eliminate Wi-Fi dead spots.

Lag-free on-line gaming experience

The P-660HNU-F1 has friendly QoS settings for gamers to enable a group of users to experience the benefits from smooth network connections. A simple click turns on the setting and allows users to enjoy high ADSL transmission speed for online gaming over the Internet without concerning about traffic congestion.

Stylish, user-friendly GUI

The fashionable Web-based user interface makes it extremely easy for users to install and manage the P-660HNU-F1. The intuitive Web interface and user-friendly configuration steps will bring a fresh feeling to users.

Applications with Firewall

The P-660HNU-F1 provides the stateful inspection filtering capability and Firewall network protections. With the default firewall setting, outgoing and incoming traffics from the protected LAN are blocked. The firewall supports TCP/UDP inspection, Denial of Services (DoS) detection and prevention, real time alert, reports and logs.

P-660HNU-F1

Wireless N ADSL2+ 4-port Gateway with USB

ZyXEL

P-660HNU-F1

Wireless N ADSL2+ 4-port Gateway with USB

Specifications

System Specifications

ADSL Compliance

- Support Multi-Mode standard (ANSI T1.413, Issue 2; G.dmt (G.992.1); G.lite (G992.2)). EOC specified in ITU-T G.992.1
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)
- Seamless Rate Adaptation (SRA)
- Support PPP over ATM AAL5 (RFC2364)
- PPP over Ethernet support for DSL connection (RFC 2516)
- Support up to 7 PVCs
- I.610 F4/F5 OAM
- G.998.4 G.INP

WLAN

- IEEE 802.11 b, g, n compliance
- 2.4 GHz frequency band
- Data rate up to 300 Mbps
- OFDM Multiplexing
- WEP, TKIP, AES data encryption
- 32 MAC address filter
- WPA-PSK, WPA2-PSK support
- Multiple SSID (4 SSID support)
- Wireless Scheduling
- WPS support

Router

- NAT (enhance to 6144 NAT sessions)
- SIP ALG pass-through
- Protocol and generic packet filter
- DNS proxy
- DHCP client/server/relay
- RIP I/RIP II supported
- IGMP v1 and v2
- UPnP support
- Parental Control
- Game list for QoS upstream
- Game list for NAT port forwarding

QoS

- Support flexible packet classification
- Queue management
- Forward policy

Security/Firewall

- Firewall with Stateful Packet Inspection, DoS support
- URL blocking
- 50 ACL filter rule

Management

- SNMP v1 & v2c with MIB II
- Embedded FTP/TFTP server for firmware upgrade and romfile backup and restore
- User GUI friendly design for gaming and media enable/disable
- Multi language support

Hardware Specifications

- ADSL connection:
  - One RJ-11 over POTS
- LAN:
  - Four Ethernet RJ-45 ports
- Wireless LAN: Two 3 dBi detachable external antennas
- USB: Two USB 2.0 hosts
- WLAN/WPS button: One real button for WLAN on-off and WPS configuration
- Reset: Restore factory defaults/reboot button
- Power switch: One push power switch button
- Status LEDs indicator: POWER, ETHERNET, INTERNET, USB, DSL, WLAN/WPS

Physical Specifications

- Item dimensions (WxDxH): 186 x 121 x 33 mm (7.32" x 4.76" x 1.3")
- Item weight: 350 g (0.771 lb.)
- Packing dimensions (WxDxH): 238 x 170 x 90 mm (9.37" x 6.69" x 3.54")
- Packing weight: 660 g (1.33 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 20% to 90% RH

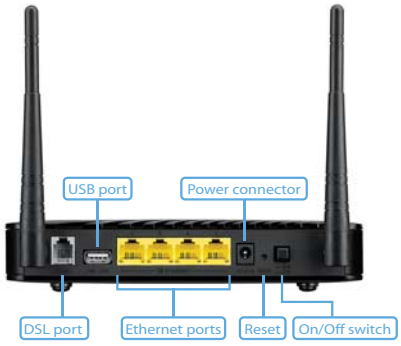
Storage Environment

- Temperature: -25°C to 65°C (-13°F to 149°F)
- Humidity: 20% to 90% RH

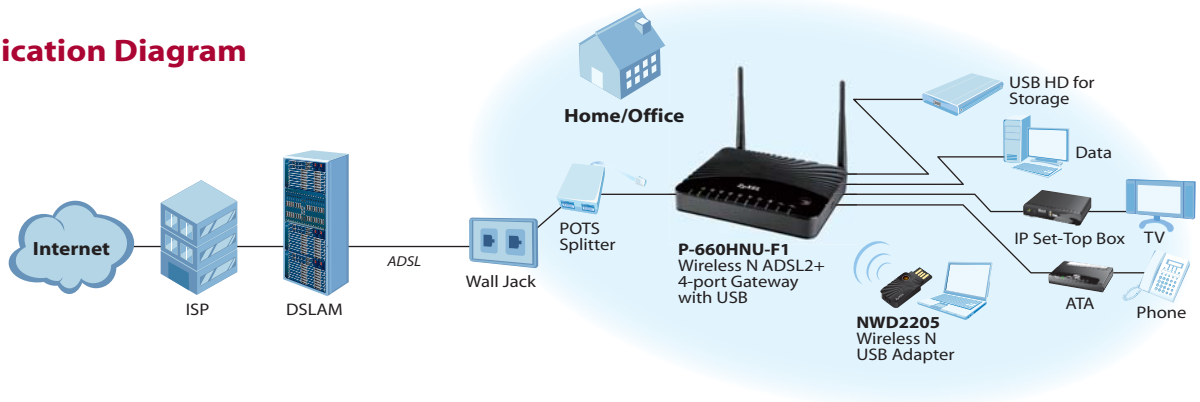
Certification

- EMC: CE, FCC
- Safety:
  - IEC 60950-1: 2005 (2nd Edition)
  - EN 60950-1: 2006 + A11: 2009

Rear Panel



Application Diagram



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