

ZyXEL



Cost-effective Ultra High-Speed ADSL2+ Gateway for SOHO Networks



- **ADSL2/ADSL2+ High-speed Internet Access**
- **Media Bandwidth Management (MBM™) Quality of Service (QoS) Prioritizes Time-sensitive Traffics for Better Performance**
- **MAP Express Provides a Comprehensive and Quick Installation Demo within 3 Steps**
- **Firewall with Stateful Packet Inspection (SPI) and Denial of Service (DoS) Prevention**

Benefits

Higher Speed Internet Access

ZyXEL P-660H Series is an all-in-one affordable router, compatible with high-speed ADSL, ADSL2 and ADSL2+ interfaces over existing copper lines. With speed up to 12 Mbps (ADSL2) or 24 Mbps (ADSL2+), the P-660H Series offers higher data transfer rates and better bandwidth than traditional ADSL gateways. Users can enjoy not only high-speed ADSL services, but also broadband multimedia applications such as interactive gaming, video streaming, and real-time audio much easier than before.

Media Bandwidth Management (MBM™) Quality of Service (QoS)

The P-660H Series enables network administrators to allocate network resources and to guarantee Quality of Service (QoS). The Media Bandwidth Management (MBM) function prioritizes media services, and increases productivity and efficiency in daily operations by tailoring a system to specific demands such as VoIP, video streaming, video-conferencing or MP3 applications.

Zero Configuration Technology

With Zero Configuration technology, the P-660H Series installation is quick and simple, allowing users to hook up a DSL connection without hassle.



ADSL2+ 4-port Gateway

P-660H SERIES

GATEWAY



Robust Firewall Security

The ICSA-certified ZyNOS operating system ensures state-of-art firewall performance and robust security from the P-660H Series. Based on Stateful Packet Inspection (SPI), DoS (Denial of Service) and DDoS features, it provides the first line defense against hackers, network intruders, and other harmful threats.

UPnP Support

The P-660H Series supports UPnP discovery and UPnP NAT traversal. Using the standard TCP/IP protocol, the P-660H Series can join a network, obtain an IP address, convey its capabilities, and learn about other devices on the network.

Specifications

ADSL Compliance

- ANSI T1.413 Issue 2
- ITU G.992.1 G.dmt
- ITU G.992.2 G.lite
- ITU G.994.1 G.hs
- ITU ADSL2 G.992.3, G.992.4
- ITU ADSL2+ G.992.5
- Reach-Extended ADSL (RE ADSL)

ATM Support

- 8 PVCs Support
- ATM Forum UNI 3.1/4.0
- RFC 1483/2684 Multiple Protocol over AAL5
- RFC 2364 PPP over AAL5
- RFC 2516 PPP over Ethernet
- VC and LLC Multiplexing
- ATM QoS UBR, CBR, VBR
- I.610 OAM F4/F5 Loop-back, AIS, and RDI OAM Cells

Firewall Security

- Stateful Packet Inspection
- Prevent DoS, DDoS Attack
- Policy-based Access Control
- Content Filtering
- IP & Generic Packet Filtering
- Real-time Attack Alert and Logs

Routing Support

- IEEE 802.1d Transparent Bridging
- IP Routing: TCP, UDP, ICMP, ARP
- RIPv1 and RIPv2
- IP Multicast IGMP v1/v2
- IP Policy Route

IP Management

- SUA/Multi-NAT Internet Sharing
- Multimedia Support
- VPN (IPSec, PPTP) Pass-through
- DHCP Server/Relay/Client
- DNS Proxy
- Dynamic DNS
- UPnP Support

Network Management

- Web-based Configuration
- Telnet Remote Management
- FTP/TFTP for Firmware Upgrade and Romfile Backup and Restore
- SNMP Support
- Built-in Diagnostic Tool

Advanced Features

- Zero Configuration
- Traffic Redirect
- Triple Play
- Media Bandwidth Management (MBM)
- Multimedia Auto Provisioner (MAP)

Hardware Specifications

- ADSL: One RJ-11 or RJ-45 Port
- LAN: 4-port Switch, 10/100M Auto MDI/MDIX
- Reset Button
- Status LEDs Indicator
- Power 12 V AC 1 A

Physical Specifications

- Dimensions: 180 (W) x 127 (D) x 36 (H) mm
- Weight: 275 g

Environmental Specifications

Operation Environment

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

Storage Environment

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

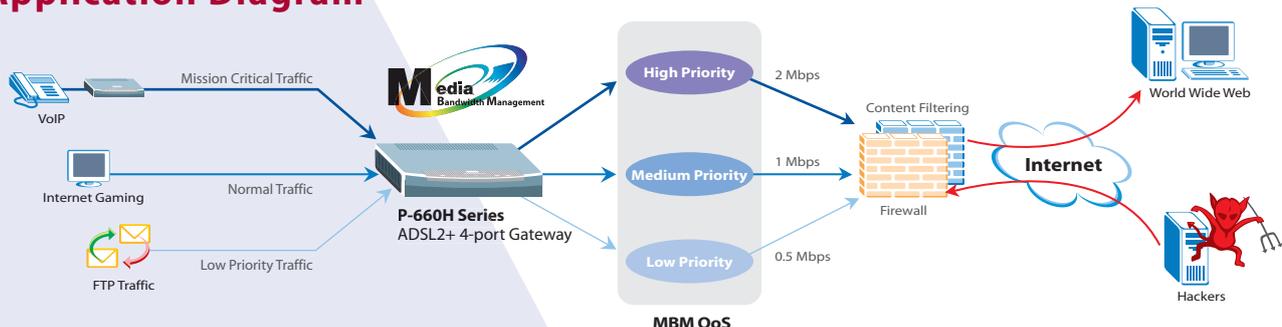
Certification

- FCC
- CE

Product Description

- **P-660H-T1**
ADSL2+ 4-port Gateway over POTS
- **P-660H-T3**
ADSL2+ 4-port Gateway over ISDN/U-R2
- **P-660H-T1 v2**
ADSL2+ 4-port Gateway over POTS
- **P-660H-T3 v2**
ADSL2+ 4-port Gateway over ISDN/U-R2
- **P-660H-61**
ADSL2+ 4-port Gateway over POTS
- **P-660H-63**
ADSL2+ 4-port Gateway over ISDN
- **P-660H-67**
ADSL2+ 4-port Gateway over U-R2
- **P-660H-D1**
ADSL2+ 4-port Gateway over POTS
- **P-660H-D3**
ADSL2+ 4-port Gateway over ISDN/U-R2

Application Diagram



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