



## High Speed 802.11n ADSL2+ Wireless Gateway

**N**  
300

- **Standard-based WPS for easy and secure WLAN establishment**
- **Robust SPI Firewall protection**
- **Remote provisioning and management through TR-069**
- **IPv6 support**
- **Parental control scheduling by different interface and MAC address**
- **ROM-D feature for distributor/operator easy customization**

### Benefits

#### 802.11n technology for extreme performance and coverage

The ZyXEL AMG1302-T10B features 802.11n technology with data rates of up to 300 Mbps, it providing stable, reliable wireless connections for high-speed data and multimedia delivery. The AMG1302-T10B eliminates dead zones and, extends coverage and is backward compatible with any IEEE 802.11 b/g Wi-Fi certified device. Besides, the AMG1302-T10B supports multiple SSIDs with individual security and scheduling settings that facilitates different service levels for service providers.

#### Wi-Fi Protection Setup (WPS)

Wi-Fi Protected Setup (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), 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 examines header and footer of a packet, and it also ensures the packet belongs to a valid session. Based on Stateful Packet Inspection (SPI), Denial of Service (DoS) and Distributed DoS (DDoS) features, the ZyXEL AMG1302-T10B provides the first-line defense against hackers, network intruders and other harmful threats.

#### Quality of Service (QoS) support

The AMG1302-T10B 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 true "plug-and-play" experience but also reduces the complexity of deployment, and therefore saves operating and maintenance costs for service providers.

#### Easy customization with ROM-D function

Service Providers need to have a quick and easy way to customize and manage different firmware versions before networking devices are distributed to fulfill specific requirements for different customers. The ZyXEL AMG1302-T10B features ROM-D to provide the flexibility for service providers to change default configuration settings through an easy way of uploading a new customized configuration file.



**AMG1302-T10B**  
Wireless N ADSL2+  
4-port 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
- Wireless scheduler
- Wi-Fi Protected Setup (WPS)

#### Router

- NAT
- Port forwarding
- SIP ALG pass-through
- PPPoE pass-through
- Dynamic DNS
- IP alias
- DHCP server/client/relay
- RIP I/RIP II support
- IGMPv1 and v2 support
- IGMP proxy/snooping
- UPnP support
- 802.1Q/1P
- IPv6 support

#### 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 HTTPS support
- Logs and statistics
- SNMP v1 and v2 with MIB II
- Remote management control: Telnet, FTP, Web, SNMP and DNS
- CLI command via telnet/console

### Hardware Specifications

- ADSL port: 1 x RJ-11
- Ethernet port: 4 x RJ-45
- Power input: 9 V DC
- Power on/off button
- Reset button
- WLAN on/off button
- WPS button
- Two 3 dBi internal antennas
- LED displays:
  - Power
  - Ethernet (1-4)
  - WLAN
  - WPS
  - DSL
  - Internet

### Physical Specifications

- Item dimensions (WxDxH): 164 x 115 x 28 mm (6.46" x 4.53" x 1.1")
- Item weight: 201 g (0.44 lb.)
- Packing dimensions (WxDxH): 296 x 147 x 37 mm (11.65" x 5.79" x 1.46")
- Packing weight: 398 g (0.88 lb.)

### Environmental Specifications

#### Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% RH (Non-condensing)

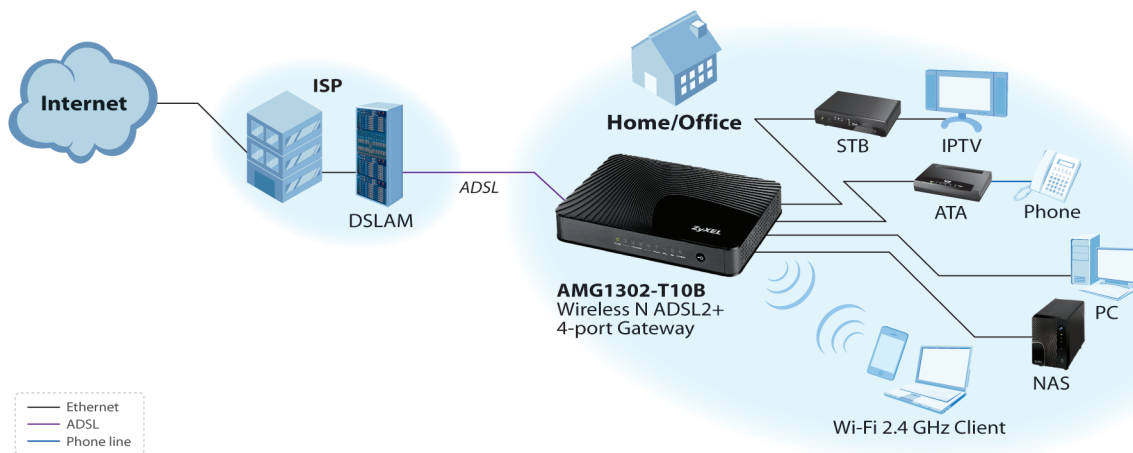
#### Storage Environment

- Temperature: -20°C to 80°C (-4°F to 176°F)
- Humidity: 10% to 95% RH (Non-condensing)

### Certification

- Safety: EN60950-1
- EMI: CE, FCC

## Application Diagram



For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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