ZYXEL

XMG3927-B Series
Dual-Band Wireless AC/N G.fast Gateway

The Zyxel XMG3927-B Series Dual-Band Wireless AC/N G.fast Gateway provides high-speed G.fast Internet access to meet the worldwide market requirements for triple-play services. Featuring the built-in 4x4 802.11ac WLAN function that relieves troublesome wirings, the XMG3927-B Series offers extreme coverage for great WiFi user experience. Moreover, the user-oriented design also allows the XMG3927-B Series to meet every customer's own style while providing powerful and practical functions.

Benefits

Ultra speed for UHD 4k TV services

The Zyxel XMG3927-B Series Dual-Band Wireless AC/N VDSL2 Gateway supports G.fast with vectoring of up to 106 MHz profile 1 Gbits within 100 m. G.fast vectoring reduces cross-talk to increase broadband access performance, which further enables operators to offer better UHD 4k IPTV services.

- G.fast supports up to bandwidth 106 MHz
- VDSL2 supports super vectoring up to profile 35b
- AC2400, dual-band WiFi with 1.7 Gbps* 802.11ac 4x4 Wave 2 technology
- TR-069/TR-181 Issue-2 remote management
- USB 3.0 high throughput for file sharing
- Excellent routing and QoS capability to prioritize applications as needed
- NAT, firewall with SPI and DoS for better security
- Stand-alone and wall mountable

Datasheet XMG3927-B Series

MULTY

Carrier-class WiFi for seamless mobility

Rated as AC2400, the Zyxel XMG3927-B Series delivers speeds of up to 1.7 Gbps* over 5 GHz and 600 Mbps* over 2.4 GHz. For better user experience, the XMG3927-B Series offers dual-band WiFi with performance-boosting features such as Multi-User MIMO (MU-MIMO) and Beamforming for simultaneous, lag-free streaming and gaming experiences. In addition, its ability to create multiple WiFi networks with up to 4 SSIDs helps operators to easily create individual WLAN networks for video, data and guests.

1733 Mbps **600 Mbps**

5 GHz 2.4 GHz

Connected, anywhere at home

Zyxel's Multy Pro mobile app is a simple, effective utility to help customers to set up, adjust and check their home networks. Combining network discovery, easy setup and diagnostics for devices connected to the home network, it also allows service providers to effectively analyze network issues for customers if needed. The Zyxel Multy Pro app gives the best experience while reducing home support costs and service calls by relieving customers' troubles remotely.

MULTY

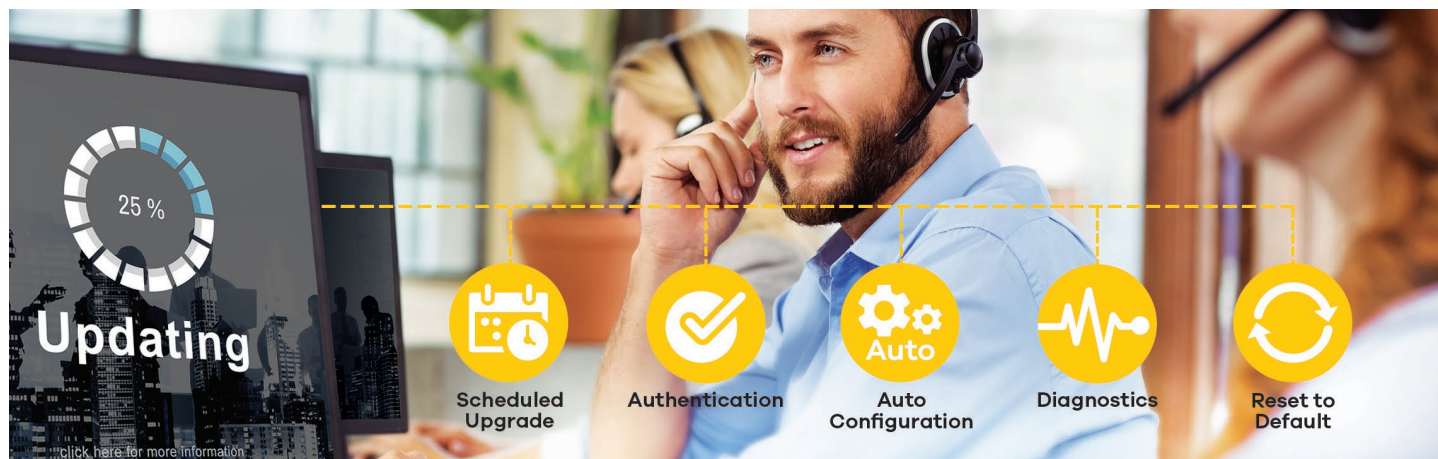Multy Pro Managed WiFi Solution

The triple-play powerhouse

The Zyxel XMG3927-B Series is built with sophisticated QoS and multicast traffic shaping features like IGMP v1/2/3 snooping and VLAN capabilities for premium video delivery services. To wireless IPTV operators, its built-in 4x4, 802.11ac chip is the top choice.
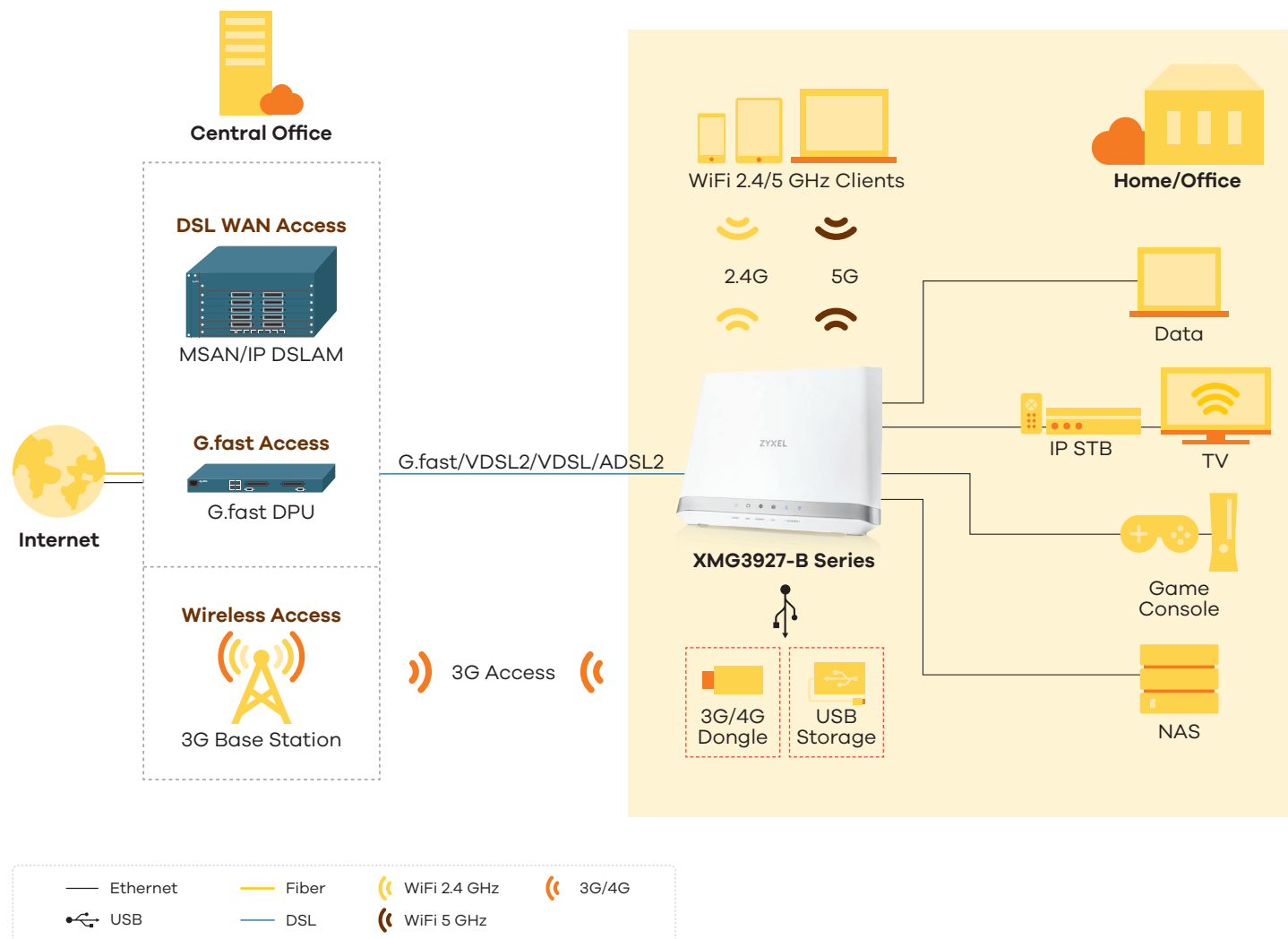
TR-069 remote management with TR-181 issue-2 support

The Zyxel XMG3927-B Series supports TR-69 that simplifies remote configuration, upgrade and management and therefore improves cost effectiveness and customer satisfaction. Additional support to the latest TR-181 issue-2 data model also enhances service providers' visibility on subscriber LAN networks for improved customer assistance.

25 %

Updating

click here for more information

Scheduled Upgrade

Authentication

Auto Configuration

Diagnostics

Reset to Default

Application Diagram

Central Office

DSL WAN Access

MSAN/IP DSLAM

G.fast Access

G.fast DPU

Internet

Wireless Access

3G Base Station

G.fast/VDSL2/VDSL/ADSL2

3G Access

WiFi 2.4/5 GHz Clients

2.4G   5G

ZYXEL

XMG3927-B Series

3G/4G Dongle

USB Storage

Home/Office

Data

IP STB   TV

Game Console

NAS

Ethernet	Fiber	WiFi 2.4 GHz	3G/4G
USB	DSL	WiFi 5 GHz	

Specifications

System Specifications

Wireless Standard
- 802.11 b/g/n/ac 2.4 GHz, data rate 600 Mbps
- 802.11 a/n/ac 5 GHz, data rate 1733 Mbps

G.fast/VDSL and ADSL Compliance
- G.fast:
  - G.9700 (Power spectral density specification)
  - G.9701 (Physical layer specification)
  - G.994.1 (G.hs)
  - G.997.2 (Physical layer management for G.fast transceivers)
  - G.997.1 extinctions for G.fast
  - Bandwidth: 2 - 106 MHz
- VDSL:
  - G.993.1 VDSL
  - G.993.2 VDSL2, Band 997, 998, Over POTS
  - Support VDSL profiles: 8a/b/c/d, 12a/b, 17a, 30a and 35b
  - G.vector
- ADSL:
  - G.992.1 (G.dmt)
  - G.992.2 (G.lite)
  - ANSI T1.413 compliant
  - G.992.3 (ADSL2)
  - G.992.5 (ADSL2+)
  - G.INP support

Router/Bridge Features
- IEEE 802.1d transparent bridge & basic spanning tree
- PPPoE (RFC 2516)
- PPPoA (RFC 2364)
- MAC encapsulation routing/IPoE
- Network Address Translation (NAT)
- NAT virtual server (port forwarding)
- DHCP client/server/relay with DHCP option 43/60/61/125
- DNS proxy/dynamic DNS
- Static/Policy route
- IGMP v1, v2, v3
- IPv4/IPv6

Wireless
- Wireless Protected Setup (WPS)
- WMM
- WPA2-PSK with AES
- Security type
- Multi SSID: up to 4
- MU-MIMO support

VLAN/QoS
- 802.1Q VLAN tagging/un-tagging
- Support flexible traffic classification

Firewall & Security
- Generic packet filter
- DoS attack prevention
- Parental control

USB
- File sharing
- 3G/4G back up with USB dongle

Management
- Web/HTTP: 3 level log-in via SSH or Telnet
- Firmware upgrade via Web/TFTP/ FTP/TR-069 RPC method
- Text based configuration
- Configuration backup/update/ restore default via Web
- Configurable access control for remote management (interface and/port number)
- DSL forum TR-069, TR-098
- TR-111 and TR-181 i2
- SNMP v1, v2
- Rom-D support
- UPnP port forwarding rules on page

Hardware Specifications
- WAN: One 10/100/1000 Mbps
- Ethernet port RJ-45
- Wireless:
  - Three internal antennas (2.4 GHz)
  - Four internal antennas (5 GHz)
- DSL: One RJ-14
- Ethernet: Four 10/100/1000 Mbps
- Ethernet ports RJ-45 (8P8C)
- USB: One USB 3.0 host

Button
- One reset button
- One WPS on/off button
- One WLAN on/off button

Status LEDs indicators:
- Power/System
- WAN
- Internet
- LAN
- WLAN-2.4G/WPS
- WLAN-5G/WPS

Power Consumption
- 12 V DC/2.5 A

Physical Specifications
- Item dimensions (WxDxH): 220 x 175 x 33 mm (8.66" x 6.88" x 1.29")
- Item weight: 535 g (1.18 lb.)
- Packing dimensions (WxDxH): 291 x 246 x 80 mm (11.45" x 9.68" x 3.14")
- Packing weight: 995 g (2.19 lb.)

Environmental Specifications

Operating Environment
- Temperature: 0°C to 40°C
- Humidity: 10% to 90% (Non-Condensing)

Storage Environment
- Temperature: -30°C to 70°C
- Humidity: 10% to 95% (Non-Condensing)

Certification
- Safety: CE-LVD
- EMC: CE

Package Contents
- Wireless gateway
- Power adapter
- Ethernet cable
- RJ-11 cable
- Quick start guide
- Safety warning card

* The maximum wireless data is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

Interface description

WPS button — WLAN button

Reset

DSL port USB port Ethernet port WAN port Power jack

Power button
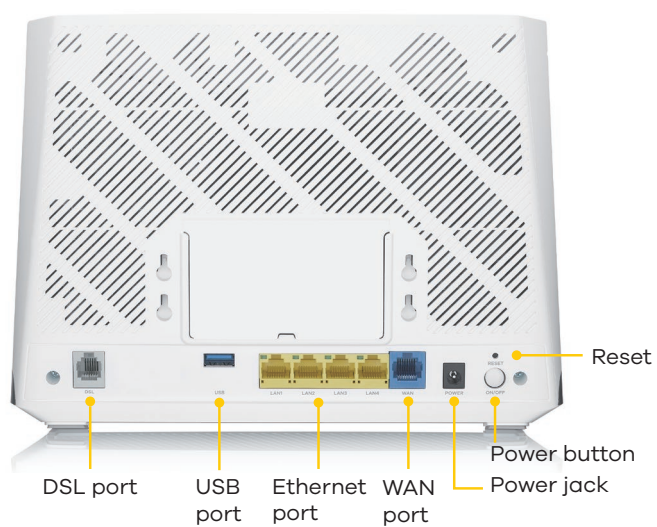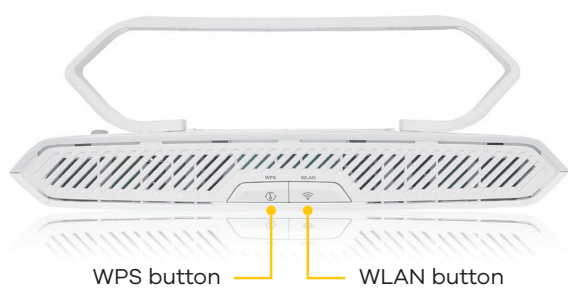
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Your Networking Ally

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