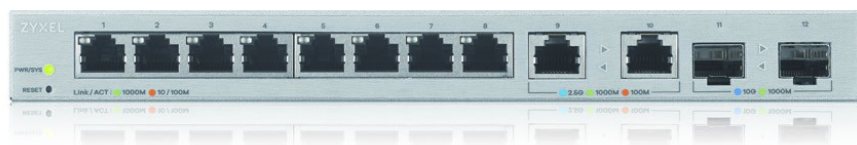




## ZYXEL 12-Port Web-Managed Multi-Gigabit Switch User Manual

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# ZYXEL



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## XGS1210-12





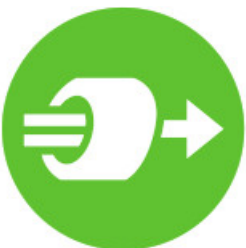
### 12-Port Web-Managed Multi-Gigabit Switch with 2-Port 2.5G and 2-Port 10G SFP+

The Zyxel XGS1210-12 comes with two 10 Gigabit SFP+ uplink ports, two 2.5 Gigabit ports, and eight gigabit Ethernet ports. Prioritize, limit, and/or protect your network traffic with its built-in Web GUI. Designed specifically for customers who want simple network management for their home or office. Connect 802.11ac or 802.11ax access points to the 2.5 Gigabit ports for true maximum wireless speed delivery. Deliver your data swiftly to your client devices from your NAS or other core networking essential with 10 Gigabit SFP+. The XGS1210-12 perfectly blends into homes and offices with its compact size while providing high performance without any noise.



### Datasheet XGS1210-12

	10G SFP+ Uplink
	Multi-Gigabit speed support

	<p>Intuitive web GUI for management</p>
	<p>QoS for better traffic control</p>
	<p>VLAN for enhanced network security</p>
	<p>Link Aggregation for throughput increasing</p>
	<p>IGMP Snooping for optimized traffic delivery</p>

## Benefits

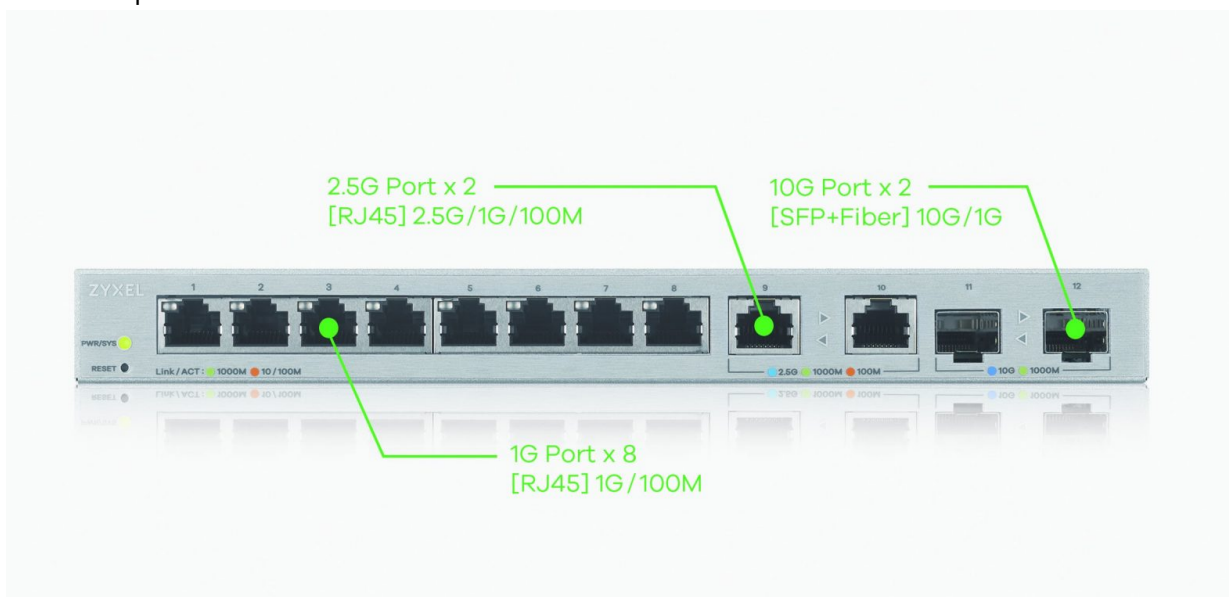
### 10G Acceleration for all

The XGS1210-12 provides two SFP+ ports compatible with 10GbE which offers higher transmission speeds and allows customers to instantly upgrade to a hybrid high-speed network environment at a cost-effective price.



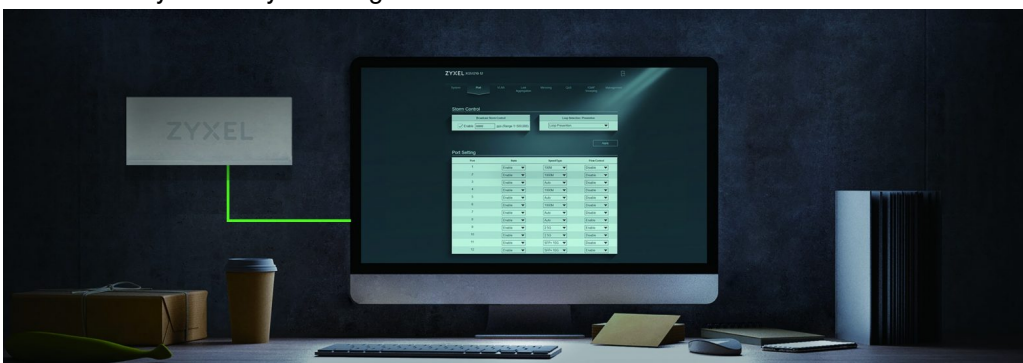
### Multi-Gigabit speed support

Support data transmission speed among 10G, 2.5G, 1G, 100M, capable of servicing a range of network devices such as gaming laptops, desktops, workstations, servers, network-attached storage (NAS) devices, or IEEE wireless access points.



### Easy web management

XGS1210-12 comes with a user-friendly web-based interface setup that walks you through configuration and management quickly. It also walks you through setting up backups and firmware upgrades, ensuring that your network will perform reliably so that you can get back to business.



### Quality of service

Port-based QoS for better voice and video traffic control.  
Optimizing access bandwidth on the network.





### **VLAN**

Segregating networks into small groups for enhanced network security and efficiency.



### **Link Aggregation**

Combining up to four physical ports together for faster file transfers and to enhance connection reliability.

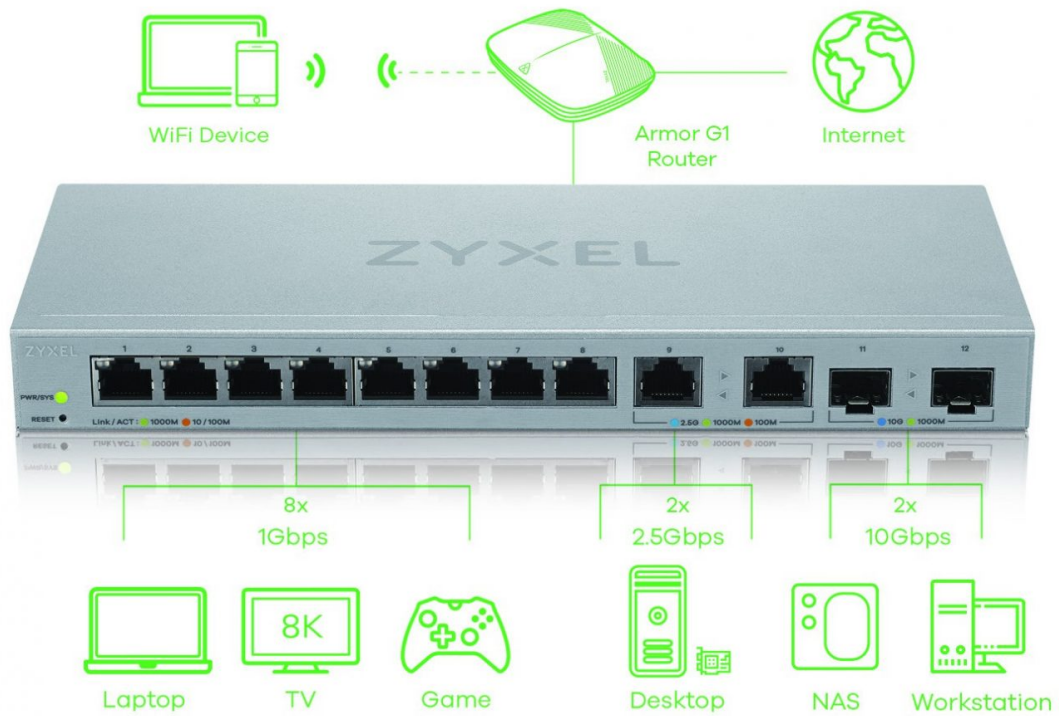


## IGMP Snooping

Optimizing network efficiency on multicast traffic delivery without the need of an extra multicast router.



## Application Diagram



## Specifications

### System Specifications Standard

- IEEE 802.3 10BASE-TX Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE802.3ab 1000BASE-T
- IEEE 802.3bz 2500BASE-T Gigabit Ethernet
- SFF-8431
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.3x full-duplex operation and flow control

### Performance

- Switching capacity: 66 Gbps
- Switching forwarding rate: 49 Mbps
- MAC address table: 16 K
- Packet buffer: 1.5 MB
- Jumbo frame support up to 12 KB

### Features

- Web-based management
- Auto-MDI/MDIX in all ports

- System password
- VLAN (Port supported)
- Port-based QoS
- 802.1p QoS
- Broadcast storm control
- Loop detection/prevention
- DHCP client
- Static Link Aggregation
- Port mirroring
- Weighted Round Robin (WRR) priority QoS
- IGMP snooping v1/v2/and v3 compatible
- Supported multicast groups: 128

## **Hardware Specifications**

### **Interface**

- 8 x RJ-45 10/100/1000 Mbps Ethernet port with metal shielding
- 2 x RJ-45 100/1000/2500 Mbps Ethernet port with metal shielding
- 2 x SFP+ (Uplink only)
- Hardware reset button

### **LED Indicator**

- PWR: Power
- Port 1~8: Link/Activity
  - ◆Green: 1000 Mbps
  - ◆Amber: 10/100 Mbps
- Port 9~10: Link/Activity
  - ◆Sky Blue: 2.5Gbps
  - ◆Green: 1Gbps
  - ◆Amber: 100Mbps
- Port 11~12: Link/Activity
  - ◆Blue: 10Gbps
  - ◆Green: 1000Mbps

### **Power Supply**

- AC-to-DC external power adapter
- Input: 100-240V~50-60Hz
- Output: 12V DC/1.5A

## **Physical Specifications**



- Item Dimensions (WxDxH): 250 x 104 x 27 mm (9.84" x 4.10" x 1.06")
- Item weight: 768 g (1.69 lb.)
- Packing dimensions (WxDxH): 306 x 225 x 64 mm (12.04" x 8.86" x 1.06")
- Packing weight: 1217 g (2.68 lb.)

## Environmental Specifications

### Operating Environment

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

### Storage Environment

- Temperature: -40°C to 70°C (-32°F to 158°F)
- Humidity: 10% to 90% (Non-condensing)

### Certifications

- Safety: CE-LVD, BSMI
- EMC: CE, FCC, EAC, BSMI, Class B

## Package Contents

- Switch
- Power adapter
- Quick Start Guide
- Safety warning and DoC

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

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Datasheet **XGS1210-12**



[http://www.zyxel.com/products\\_services/home.shtml](http://www.zyxel.com/products_services/home.shtml)



 	<p><a href="#">ZYXEL 12-Port Web-Managed Multi-Gigabit Switch</a> [pdf] User Manual</p> <p>12-Port Web-Managed Multi-Gigabit Switch 2-Port 2.5G and 2-Port 10G SFP, XGS1210-12</p>
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References

- ZYXEL [Zyxel Networks, Your Networking Ally | Zyxel Networks](#)