



XGS1210-12/XGS1010-12

8-Port GbE and 2-Port 2.5G Switch with 2 10G Uplink

The XGS1210-12 and XGS1010-12 come with eight Gigabit Ethernet Ports, two 10 Gigabit SFP+ uplink and two 2.5G Multi-Gig ports which provide either 100M, 1G, or 2.5G connectivity.

They have been designed specifically for customers who require simple management over a variety of mixed environments from home to office.

Connect WiFi 6 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, workstations, or other core networking essential with 10 Gigabit SFP+. The compact size of XGS1210-12 and XGS1010-12 perfectly blends into homes and offices while providing high performance without any noise.



Multi-Gigabit speed support (100M/1G/2.5G) and 10G SFP+ Uplink



Compact design blends into any working environment



Fanless, noiseless design



Advanced energy-savings at work

Benefits

Maximized 10G speed for content creators

The two 10G SFP+ ports offer higher transmission speeds and allows customers to instantly upgrade to a hybrid high-speed network environment at a cost-effective price.



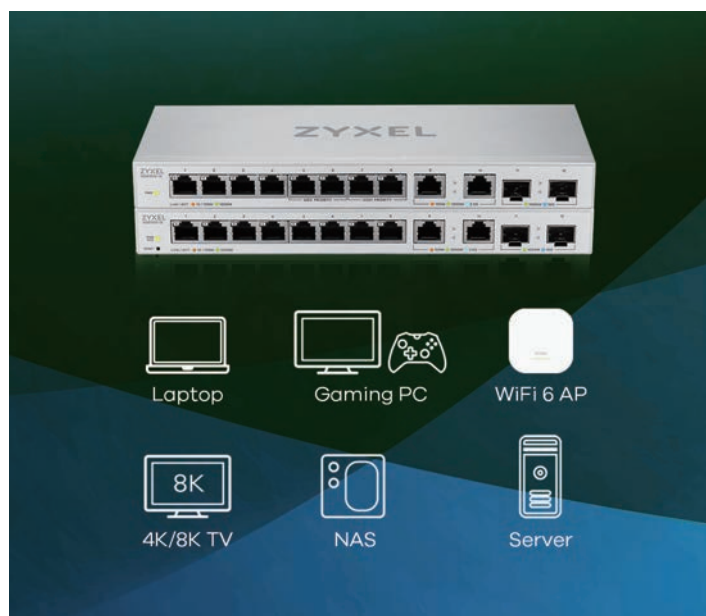
Fanless, noiseless design

Extend your network without disrupting your quiet business environment. This switch features a fanless design that ensures silent operation and greater reliability over time with no moving parts.



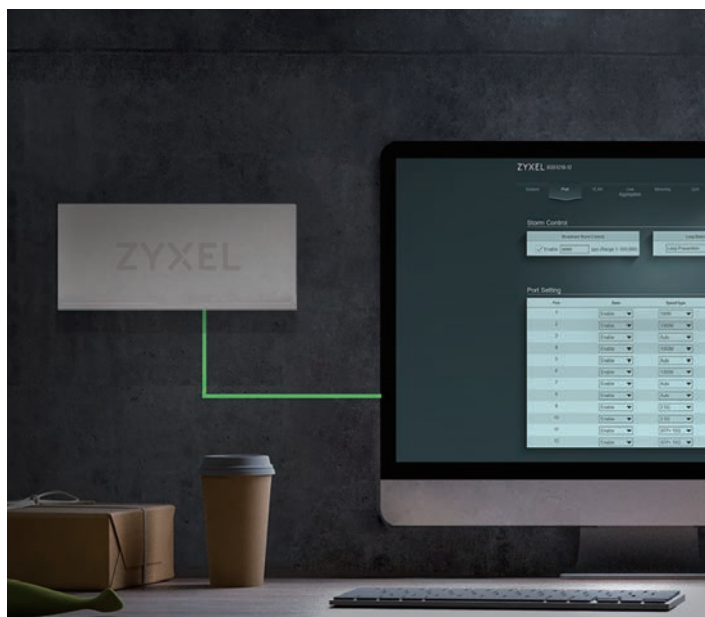
Unlock Multi-Gigabit potential for your devices

Support Multi-Gig technology to expand your network easily, and serve a range of network devices such as gaming laptops, desktops, workstations, servers, network attached storage (NAS) devices, or WiFi 6 access points and more either 100M, 1G, or 2.5G speed automatically. The handy LED indicator provides an intuitive indication of connection speed for each individual ports.



Easy web management (XGS1210-12)

XGS1210-12 comes with an user-friendly web-based interface setup that helps you to configure and manage network easily. 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. Also, you can turn off Ethernet port LEDs for distraction-free operation through the web-based interface.



Plug and Play (XGS1010-12)

Its easy plug-and-play design allows you to connect the XGS1010-12 to VoIP, media players, game consoles, set-top box, and any other web browsing devices to your home or studio network without any configuration.

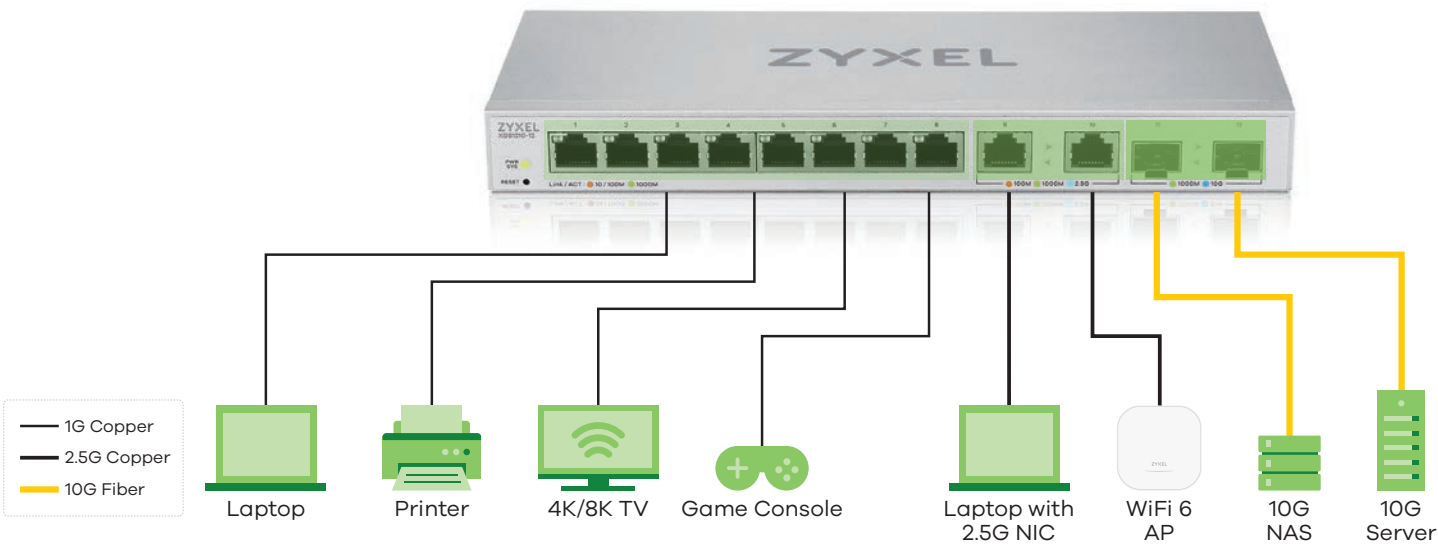


Advanced energy-savings at work

Built-in IEEE 802.3az Energy Efficient Ethernet (EEE) function automatically detects network traffic and adjusts power consumption dynamically to reduce power usage during low link utilization periods.



Application Diagram



Specifications

Model		XGS1010-12	XGS1210-12
Product name		8-Port GbE and 2-Port 2.5G Unmanaged Switch with 2 10G Uplink	8-Port GbE and 2-Port 2.5G Web Managed Switch with 2 10G Uplink
			
Switch class		Unmanaged	Web Managed
Port Density			
Total port count		12	12
10/100/1000 Mbps		8	8
100M/1G/2.5G Ethernet (RJ-45)		2	2
1G SFP/10G SFP+		2	2
Performance			
Switching capacity (Gbps)		66	66
Forwarding rate (Mpps)		49	49
Packet buffer (byte)		1.5 MB	1.5 MB
MAC address table		16 K	16 K
Jumbo frame (byte)		12 K	12 K
Power			
Input		100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz
Power supply		External	External
Max. power consumption (watts)		11.53	11.53
Min. power consumption (watts)		3.95	3.95
Physical Specifications			
Item	Dimensions (WxDxH)(mm/in)	250 x 104 x 27/9.84 x 4.10 x 1.06	250 x 104 x 27/9.84 x 4.10 x 1.06
	Weight (kg/lb.)	0.768/1.69	0.768/1.69
Packing	Dimensions (WxDxH)(mm/in)	306 x 225 x 64/12.04 x 8.86 x 1.06	306 x 225 x 64/12.04 x 8.86 x 1.06
	Weight (kg/lb.)	1.217/2.68	1.217/2.68
Green Features			
Fanless		Yes	Yes
Environmental Specifications			
Operating	Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage	Temperature	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)

Standard

- IEEE 802.3 10BASE-TX Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3ab 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

Features

XGS1210-12

- 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
- **New for V2.00** Ethernet port LED on/off

XGS1010-12

- Plug and play, easy use and quick install
- Auto-MDI/MDIX in all ports
- QoS ports for smooth media streaming, VoIP calls, and online gaming
- 802.1p QoS
- Weighted Round Robin (WRR) priority QoS

LED Indicator

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

Certifications

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

Package Contents

- Switch
- Power adapter
- Quick Start Guide
- Safety warning and doc.

Accessories

Transceivers (Optional)

Model	Speed	Connector	Wavelength	Max. Distance	DDMI
SFP10G-SR	10 Gigabit	Duplex LC	850 nm	0.3 km (328 yd)	Yes
SFP10G-SR-E	10 Gigabit	Duplex LC	850 nm	0.3 km (328 yd)	Yes
SFP10G-LR	10 Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP10G-LR-E	10 Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP-1000T	Gigabit	RJ-45	-	0.1 km (109 yd)	-
SFP-SX-D	Gigabit	Duplex LC	850 nm	0.55 km (601 yd)	Yes
SFP-SX-E	Gigabit	Duplex LC	850 nm	0.55 km (601 yd)	Yes
SFP-LX-10-D	Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP-LX-10-E	Gigabit	Duplex LC	1310 nm	10 km (10936 yd)	Yes
SFP-LHX1310-40-D	Gigabit	Duplex LC	1310 nm	40 km (43744 yd)	Yes
SFP-ZX-80-D	Gigabit	Duplex LC	1550 nm	80 km (87488 yd)	Yes
SFP-BX1310-10-D	Gigabit	Single LC	1310 nm (Tx); 1490 nm (Tx)	10 km (10936 yd)	Yes
SFP-BX1310-E	Gigabit	Single LC	1310 nm (Tx); 1550 nm (Tx)	20 km (21872 yd)	Yes
SFP-BX1490-10-D	Gigabit	Single LC	1490 nm (Tx); 1310 nm (Tx)	10 km (10936 yd)	Yes
SFP-BX1550-E	Gigabit	Single LC	1550 nm (Tx); 1310 nm (Tx)	20 km (21872 yd)	Yes

Direct Attach Cables (Optional)

Model	Speed	Connector
DAC10G-1M	SFP+ to SFP+	1 m (39.37 inch)
DAC10G-3M	SFP+ to SFP+	3 m (118.11 inch)

Network Adapter Series (Optional)

Model	Product Name	Interface
XGN100F	10G Network Adapter PCIe Card with Single SFP+ Port	• 1 x 10 Gbps SFP+ slot • PCI Express 3.0
XGN100C	10G Network Adapter PCIe Card with Single RJ-45 Port	• 1 x 10 Gbps RJ-45 Ethernet port (Supported Speeds: 100M/1G/2.5G/5G/10G)

Ordering Information

Model	Part Number	Hardware Revision
XGS1210-12	XGS1210-12-ZZ0102F*, XGS1210-12-TW0102F*	Revision B1
	XGS1210-12-ZZ0101F, XGS1210-12-TW0101F	
XGS1010-12	XGS1010-12-ZZ0102F*, XGS1010-12-TW0102F*, XGS1010-12-USAM02F*	Revision B1
	XGS1010-12-ZZ0101F, XGS1010-12-TW0101F	

* Represents the latest hardware revision.

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

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