



GS1200 Series

5-Port/8-Port Web Managed Gigabit Switch

The Zyxel GS1200-5/GS1200-8 Web Managed Gigabit Switch provides simple control for better management. Unlike other advanced but complex managed switches, the GS1200 series switch is suitable for most users and provides an affordable solution with essential features including VLAN, QoS, IGMP snooping v1/v2 and v3 compatible, link aggregation, and port mirroring.

The Zyxel GS1200-5/GS1200-8 does not require any additional software. It is easy, friendly, and more intuitive with its Web GUI which helps configuration tasks be completed in just a few simple clicks. Simplified for small office users' network.



Easy web management



Multicast IGMP snooping v1/v2 and v3 compatible for streaming applications



Virtual LAN for enhanced network security



Quality of Service for better traffic control



Link aggregation increases bandwidth between 2 Ethernet ports



Advanced energy-savings at work

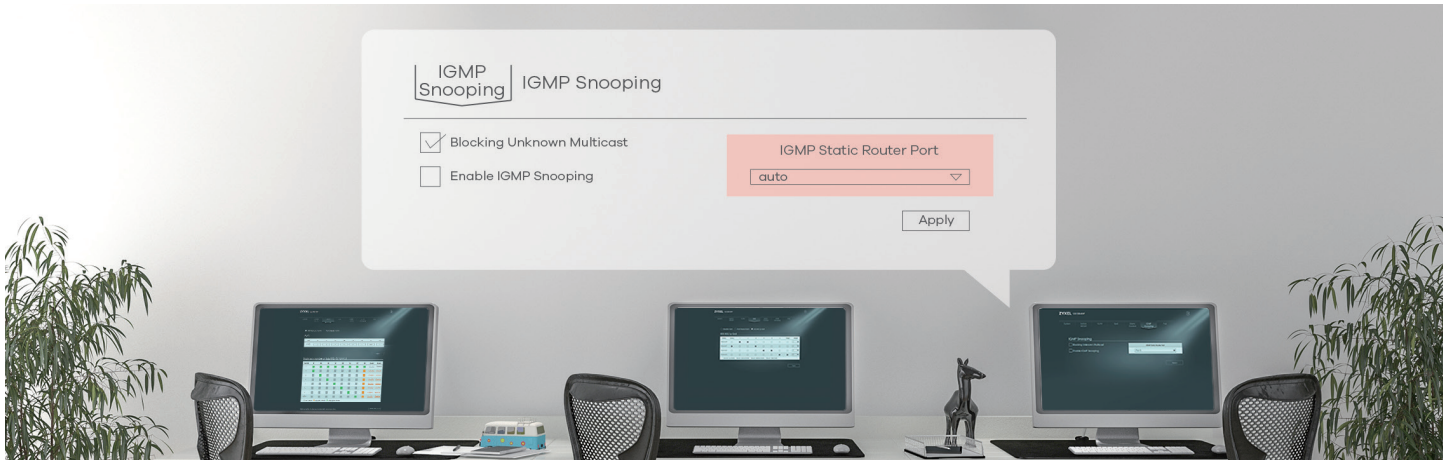


Fanless, noiseless design

Benefits

Easy web management

This switch comes with a user-friendly web-based set-up interface that walks you through setup, configuration and management—including configuration backups and firmware upgrades—quickly and easily. With a few simple clicks, your network will be humming along, so you can get back to business.



IGMP Snooping

Optimized multicast performance, useful for bandwidth-intensive IP multicast applications such as online media streaming and time sensitive applications.



VLAN

Separating traffic within a business such as isolating resources between network administrators, general users, or between employees and public guest users.



Quality of Service

Provide different priorities to different applications or users to guarantee a certain level of performance for maximum data efficiency of your network.





Link Aggregation

Combine two physical ports' performance to make a single high-bandwidth data path, for faster file transfer and enhanced connection reliability.



Specifications

Model	GS1200-5	GS1200-8	
Product name	5-Port GbE Web Managed Switch	8-Port GbE Web Managed Switch	
 			
Port Density			
Total port count	5	8	
1000BASE-T	5	8	
Performance			
Switching capacity (Gbps)	10	16	
Forwarding rate (Mpps)	7.44	11.9	
Packet buffer (byte)	128 K	192 K	
MAC address table	2 K	4 K	
Jumbo frame (byte)	9 K	9 K	
LED			
Power	Yes	Yes	
Per port	Yes	Yes	
Power			
Input	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	
Power supply	External	External	
Max. power consumption (watt)	2.67	4.48	
Min. power consumption (watt)	0.323	0.424	
Physical Specifications			
Item	Dimensions (WxDxH)(mm/in.)	121 x 75 x 26/4.8 x 3.0 x 1.0	155 x 85 x 26/6.1 x 3.3 x 1.0
	Weight (g/lb.)	233/0.51	325/0.72
Package	Dimensions (WxDxH)(mm/in.)	127 x 82 x 95/5.0 x 3.2 x 3.7	161 x 90 x 95/6.3 x 3.5 x 3.7
	Weight (g/lb.)	388/0.86	497/1.10
Environmental Specifications			
Operating environment	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 environment	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 Compliance

- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3az EEE support
- IEEE 802.3x flow control
- IEEE 802.3z 1000BASE-X
- IEEE 802.1p CoS
- Auto MDI/MDI-X
- IEEE 802.1Q VLAN tagging

Features

- Web-based management
- System password

- VLAN (Port supported)
 - GS1200-5: 5 ports
 - GS1200-8: 8 ports
- Port-based QoS
- 802.1p CoS
- Broadcast storm control
- Loop detection/prevention
- DHCP client
- Link aggregation
 - GS1200-5: one LAG (Port 3&4)
 - GS1200-8: two LAGs (Port 3&4, Port 7&8)
- Port mirroring
- Weighted Round Robin (WRR) priority QoS

- IGMP snooping v1/v2/and v3 compatible
- Supported multicast groups: 128
- Firmware update

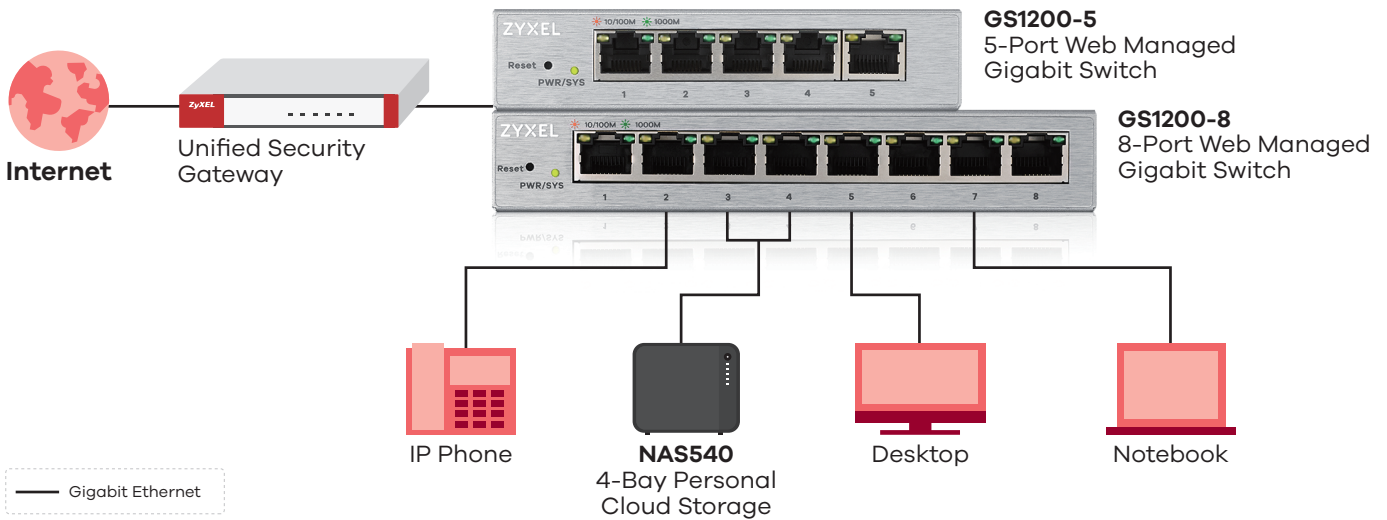
Certification

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

Package Contents

- Switch
- Power adapter
- Quick start guide
- Safety warning and doc.
- Rubber foot pads

Application Diagram



Easy Web-based Management Interface

System

System Information

Model Name	Device Name	Firmware Version	Loop Status
GS1200-5	GS1200-5	V1.00(ABKM.0)C0	Normal

MAC Address	IP Address	Subnet Mask	Gateway
00:11:22:33:44:55	192.168.1.3	255.255.255.0	0.0.0.0

Per Port Status

Port	Link Status	TX(Pkts)	RX(Pkts)	Loop Status
1	1000 Mbps	362	232	Normal
2	1000 Mbps	576	923	Normal
3	Down	0	0	Normal
4	Down	0	0	Normal
5	Down	0	0	Normal

Port

Storm Control

Broadcast Storm Control: Enable []pps (Range 1-500,000)

Loop Detection / Prevention: Loop Prevention

Port Setting

Port	State	Speed/Duplex	Flow Control
1	Enable	Auto	Disable
2	Enable	Auto	Disable
3	Enable	Auto	Disable
4	Enable	Auto	Disable
5	Enable	Auto	Disable

VLAN

PVID

Port	01	02	03	04	05
PVID	1	1	1	1	1

Maximum number of IEEE 802.1Q VLAN: 32

VLAN ID	01	02	03	04	05	Modify	Delete
1	Non-Member	Tag Egress Member	Untag Egress Member	Untag Egress Member	Untag Egress Member	Modify	N/A

Management

Device Setting

DHCP Client: Disable

IP Address: 192.168.1.3 | Subnet Mask: 255.255.255.0 | Gateway: 0.0.0.0

IEEE 802.3az EEE: Disable

Change Password

Old Password: [] | New Password: [] | Confirm Password: []

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

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Datasheet **GS1200 Series**