



GS1100 Switchable Series

16/24-port GbE Unmanaged Switch

The Zyxel GS1100 Switchable Series is designed for SB or SMB markets, offering instant Gigabit connectivity and plug-and-play simplicity. With "Simplicity" design in mind, these switches feature intuitive DIP switches, allowing users to toggle settings for handy features with just a single touch. The series offers flexible 16/24-port options, slim form factors, and a PoE model that can fit in any environment.

Benefits

DIP Switch to control your network

The GS1100 Switchable Series feature an intuitive DIP switch that allow users to enable or disable handy features in seconds without requiring access to a management interface. You can utilize this DIP Switch to turn on/off loop prevention, IEEE 802.3az, and LED easily.



DIP Switch

- DIP 1 : Loop Prevention
- DIP 2 : EEE
- DIP 3 : LED



Instant Gigabit speeds with easy plug-and-play



Intuitive DIP switches toggle convenient features in seconds



Choose from 16 or 24 ports, slim designs, and PoE or non-PoE models



Slim, space-saving design for desks, walls, and tight server cabinets



Energy-efficient and fanless for silent, eco-friendly networking

Gigabit to the desktop

This Series offers 16/24-port Gigabit non-blocking wire-speed transmission. With superior Gigabit performance and flexible form factor options, it is the ideal solution for bandwidth-intensive applications in small office environments.

Freedom of installation via PoE

The GS1100-16EPS supports the IEEE 802.3at PoE+ standard and easily connects with PoE ready devices to your network with plug-and-play design. PoE+ allows 30 watts per port to power WiFi 6/7 APs, VoIP phones and IP surveillance cameras only through Ethernet cables reducing the need of power adapters saving installation time and cost. The GS1100-16EPS has been designed with 16 full PoE+ ports with total PoE power budget of up to 135 Watts, which makes it an ideal PoE connectivity solution for home, shop and small office environments.

Fanless design

The GS1100 Switchable Series has fanless design that ensures silent operation in small or quiet office environments. The PoE model GS1100-16EPS is specifically designed with an external power adapter that eliminates the need for an additional fan to cool down the device, making it perfect for quiet PoE deployments.

Model List

GS1100-16S

16-port GbE Unmanaged Switch



- 16 x GbE RJ-45 ports

GS1100-16ES

16-port GbE Unmanaged Slim Switch



- 16 x GbE RJ-45 ports

GS1100-16EPS

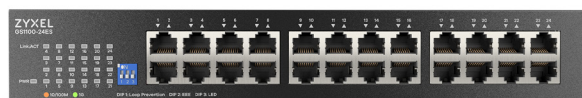
16-port GbE PoE Unmanaged Slim Switch



- 16 x GbE PoE RJ-45 ports
- PoE power budget: 135W





GS1100-24ES

24-port GbE Unmanaged Switch



- 24 x GbE RJ-45 ports

Specifications

Model		GS1100-16S	GS1100-16ES	GS1100-16EPS	GS1100-24ES
Product name		16-port GbE Unmanaged Switch	16-port GbE Unmanaged Slim Switch	16-port GbE PoE Unmanaged Slim Switch	24-port GbE Unmanaged Switch
					
Switch class		Unmanaged	Unmanaged	Unmanaged	Unmanaged
Port Density					
Total port count		16	16	16	24
100M/1G Ethernet (RJ-45)		16	16	16	24
PoE					
PoE ports		-	-	16	-
Total PoE budget (watts)		-	-	135	-
IEEE 802.3at PoE+		-	-	Port 1~Port 16	-
Performance					
Switching capacity (Gbps)		32	32	32	48
Forwarding rate (Mpps)		23.8	23.8	23.8	35.7
Packet buffer (byte)		1M	1M	1M	1M
MAC address table		16K	16K	16K	16K
Jumbo frame (byte)		12KB	12KB	12KB	12KB
Flash/RAM		2MB/256KB	2MB/256KB	2MB/256KB	2MB/256KB
Power					
Input		100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz
Min. power consumption (watts) Without any port connection		2.36	2.21	4.15	3.38
Max. power consumption (watts) All ports full load without PoE		8.33	8.53	10.34	12.21
Max. power consumption (watts) All ports full load with PoE		-	-	157.9	-
Physical Specifications					
Item	Dimensions (WxDxH)(mm/in)	215.5 x 133 x 44/ 8.48 x 5.24 x 1.73	286 x 118 x 26/ 11.26 x 4.65 x 1.02	286 x 118 x 26/ 11.26 x 4.65 x 1.02	280 x 126 x 44/ 11.02 x 4.96 x 1.73
	Weight (kg/lb)	0.81/1.79	0.77/1.7	0.81/1.79	1.02/2.25
Packing	Dimensions (WxDxH)(mm/in)	270 x 262 x 61.5/ 10.63 x 10.31 x 2.42	364 x 190 x 89/ 14.33 x 7.48 x 3.5	364 x 290 x 67/ 14.33 x 11.42 x 2.64	330 x 254 x 61.5/ 12.99 x 10 x 2.42
	Weight (kg/lb)	1.62/3.57	1.33/2.93	2.12/4.67	1.83/4.03
Included accessories		<ul style="list-style-type: none"> Power cord Wall mount kit Rack mounting kit 	<ul style="list-style-type: none"> Power cord Wall mount kit 	<ul style="list-style-type: none"> Power cord Power adapter Wall mount kit 	<ul style="list-style-type: none"> Power cord Wall mount kit Rack mounting kit
ESD/Surge Protections					
Ethernet port surge protection		2KV	2KV	2KV	2KV
Power supply surge protection	Line-GND	2KV	4KV	4KV	2KV
	Line-Line	1KV	4KV	2KV	1KV
ESD protection (air/contact)		8KV/4KV	8KV/4KV	8KV/4KV	8KV/4KV
Environmental Specifications					
Operating	Temperature	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F	0°C to 40°C/ 32°F to 104°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
Storage	Temperature	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F	-40°C to 70°C/ -40°F to 158°F
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)

Model	GS1100-16S	GS1100-16ES	GS1100-16EPS	GS1100-24ES
Environmental Specifications				
MTBF (hr @ 25°C)	6,476,619	886,507	1,217,669	1,131,995
Heat dissipation (BTU/hr)	28.423	29.106	78.138	41.662
Acoustic noise @ 25°C (min/max, dBA)	Fanless, 0	Fanless, 0	Fanless, 0	Fanless, 0

Features

Standard

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3az EEE support
- IEEE 802.3x flow control
- IEEE 802.1p CoS
- IEEE 802.3af PoE
- IEEE 802.3at PoE Plus

DIP Switch

- Loop prevention
- IEEE 802.3az
- Port LED On/Off

Certifications Safety

- Safety:
 - LVD
 - BSMI
- EMC (Class A)
 - CE
 - FCC
 - RCM
 - ICES-003
 - BSMI
- RoHS
- REACH

Warranty

- Limited life-time warranty*

* Warranty terms, service availability, and service response times may vary from country or region to country or region

Ordering Information

Model	EAN	PN
GS1100-16S	4718937652747	GS1100-16S-US0101F
	4718937652730	GS1100-16S-GB0101F
	4718937652723	GS1100-16S-EU0101F
GS1100-16ES	4718937652716	GS1100-16ES-US0101F
	4718937652709	GS1100-16ES-GB0101F
	4718937652693	GS1100-16ES-EU0101F
GS1100-16EPS	4718937652686	GS1100-16EPS-US0101F
	4718937652679	GS1100-16EPS-GB0101F
	4718937652662	GS1100-16EPS-EU0101F
GS1100-24ES	4718937652778	GS1100-24ES-US0101F
	4718937652761	GS1100-24ES-GB0101F
	4718937652754	GS1100-24ES-EU0101F

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