



# 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

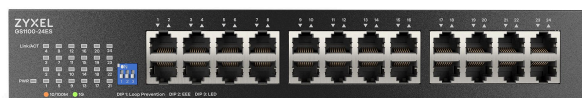
16-port GbE PoE Unmanaged Slim Switch



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





### GS1100-24ES

24-port GbE Unmanaged Slim Switch



- 24 x GbE RJ-45 ports

## Specifications

Model		GS1100-16S	GS1100-16ES	GS1100-16EPS	GS1100-24ES
<b>Product name</b>		16-port GbE Unmanaged Switch	16-port GbE Unmanaged Slim Switch	16-port GbE PoE Unmanaged Slim Switch	24-port GbE Unmanaged Slim Switch
					
<b>Switch class</b>		Unmanaged	Unmanaged	Unmanaged	Unmanaged
<b>Port Density</b>					
<b>Total port count</b>		16	16	16	24
<b>100M/1G Ethernet (RJ-45)</b>		16	16	16	24
<b>PoE</b>					
<b>PoE ports</b>		-	-	16	-
<b>Total PoE budget (watts)</b>		-	-	135	-
<b>IEEE 802.3at PoE+</b>		-	-	Port 1~Port 16	-
<b>Performance</b>					
<b>Switching capacity (Gbps)</b>		32	32	32	48
<b>Forwarding rate (Mpps)</b>		23.8	23.8	23.8	35.7
<b>Packet buffer (byte)</b>		1M	1M	1M	1M
<b>MAC address table</b>		16K	16K	16K	16K
<b>Jumbo frame (byte)</b>		12KB	12KB	12KB	12KB
<b>Flash/RAM</b>		2MB/256KB	2MB/256KB	2MB/256KB	2MB/256KB
<b>Power</b>					
<b>Input</b>		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
<b>Min. power consumption (watts) Without any port connection</b>		2.36	2.21	4.15	3.38
<b>Max. power consumption (watts) All ports full load without PoE</b>		8.33	8.53	10.34	12.21
<b>Max. power consumption (watts) All ports full load with PoE</b>		-	-	157.9	-
<b>Physical Specifications</b>					
<b>Item</b>	<b>Dimensions (WxDxH)(mm/in)</b>	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
	<b>Weight (kg/lb)</b>	0.81/1.79	0.77/1.7	0.81/1.79	1.02/2.25
<b>Packing</b>	<b>Dimensions (WxDxH)(mm/in)</b>	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
	<b>Weight (kg/lb)</b>	1.62/3.57	1.33/2.93	2.12/4.67	1.83/4.03
<b>Included accessories</b>		<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Wall mount kit</li> <li>• Rack mounting kit</li> </ul>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Wall mount kit</li> </ul>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Power adapter</li> <li>• Wall mount kit</li> </ul>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Wall mount kit</li> <li>• Rack mounting kit</li> </ul>
<b>ESD/Surge Protections</b>					
<b>Ethernet port surge protection</b>		2KV	2KV	2KV	2KV
<b>Power supply surge protection</b>	<b>Line-GND</b>	2KV	4KV	4KV	2KV
	<b>Line-Line</b>	1KV	4KV	2KV	1KV
<b>ESD protection (air/contact)</b>		8KV/4KV	8KV/4KV	8KV/4KV	8KV/4KV
<b>Environmental Specifications</b>					
<b>Operating</b>	<b>Temperature</b>	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
	<b>Humidity</b>	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
<b>Storage</b>	<b>Temperature</b>	-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
	<b>Humidity</b>	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
<b>Environmental Specifications</b>				
<b>MTBF (hr @ 25°C)</b>	6,476,619	886,507	1,217,669	1,131,995
<b>Heat dissipation (BTU/hr)</b>	28.423	29.106	78.138	41.662
<b>Acoustic noise @ 25°C (min/max, dBA)</b>	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
<b>GS1100-16S</b>	4718937652747	GS1100-16S-US0101F
	4718937652730	GS1100-16S-GB0101F
	4718937652723	GS1100-16S-EU0101F
<b>GS1100-16ES</b>	4718937652716	GS1100-16ES-US0101F
	4718937652709	GS1100-16ES-GB0101F
	4718937652693	GS1100-16ES-EU0101F
<b>GS1100-16EPS</b>	4718937652686	GS1100-16EPS-US0101F
	4718937652679	GS1100-16EPS-GB0101F
	4718937652662	GS1100-16EPS-EU0101F
<b>GS1100-24ES</b>	4718937652778	GS1100-24ES-US0101F
	4718937652761	GS1100-24ES-GB0101F
	4718937652754	GS1100-24ES-EU0101F

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

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