



GS1100 Unmanaged Plus Series

16/24-port GbE Unmanaged Switch

The Zyxel GS1100 Unmanaged Plus Series is designed for small business and SMB environments, delivering instant Gigabit connectivity with more than simple plug-and-play operation. A straightforward web-based interface enables easy management of essential functions. With flexible 16- or 24-port options, a slim form factor, and PoE models, the series fits seamlessly into high-density office environments.

Benefits

Access your network beyond plug-and-play

The GS1100 Unmanaged Plus Series supports Auto MDI/MDI-X, eliminating the need for crossover cables or dedicated uplink ports. Designed for more than simple plug-and-play deployments, the series also performs reliably in more demanding network environments. Its intuitive web-based management interface allows users to easily configure essential functions such as loop prevention, VLAN, VLAN trunking, PoE settings, and more.

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.



Instant gigabit speeds with easy plug-and-play



Simplified web-managed functions, including VLAN, loop prevention, port isolation, EEE, and PoE



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



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

Freedom of installation via PoE

The GS1100-16EP 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 GS1100-16EP 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 Unmanaged Plus Series has fanless design that ensures silent operation in small or quiet office environments. The PoE model GS1100-16EP 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

GS1100-16

16-port GbE Unmanaged Switch



- 16 x GbE RJ-45 ports

GS1100-16E

16-port GbE Unmanaged Slim Switch



- 16 x GbE RJ-45 ports

GS1100-16EP

16-port GbE PoE Unmanaged Slim Switch



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

GS1100-24E

24-port GbE Unmanaged Switch



- 24 x GbE RJ-45 ports

Specifications

Model		GS1100-16	GS1100-16E	GS1100-16EP	GS1100-24E
Product name		16-port GbE Unmanaged Switch (Unmanaged Plus)	16-port GbE Unmanaged Slim Switch (Unmanaged Plus)	16-port GbE PoE Unmanaged Slim Switch (Unmanaged Plus)	24-port GbE Unmanaged Switch (Unmanaged Plus)
					
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)		1MB	1MB	1MB	1MB
MAC address table		16K	16K	16K	16K
Jumbo frame (byte)		12KB	12KB	12KB	12KB
Flash/RAM		4MB/256KB	4MB/256KB	4MB/256KB	4MB/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		2.1	2.04	3.26	3.35
Max. power consumption (watts) All ports full load without PoE		8.43	8.42	9.59	13.75
Max. power consumption (watts) All ports full load with PoE		-	-	157.83	-
Physical Specifications					
Item	Dimensions (WxDxH)(mm/in)	165 x 118 x 39/ 6.5 x 4.65 x 1.54	278 x 100 x 26/ 10.94 x 3.94 x 1.02	278 x 100 x 26/ 10.94 x 3.94 x 1.02	225 x 143.5 x 39/ 8.86 x 5.65 x 1.54
	Weight (kg/lb)	0.601/1.32	0.614/1.35	0.68/1.5	0.897/1.98
Packing	Dimensions (WxDxH)(mm/in)	240 x 219 x 57/ 9.45 x 8.62 x 2.24	294 x 106 x 83/ 11.57 x 4.17 x 3.27	294 x 142 x 83/ 11.57 x 5.59 x 3.27	240 x 219 x 57/ 9.45 x 8.62 x 2.24
	Weight (kg/lb)	1.268/2.8	0.874/1.93	1.188/2.62	1.526/3.36
Included accessories		- Power cord - Wall mount kit - Rack mounting kit	- Power adapter - Wall mount kit	- Power cord - Power adapter - Wall mount kit	- 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)

Model		GS1100-16	GS1100-16E	GS1100-16EP	GS1100-24E
Environmental Specifications					
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)
MTBF (hr @ 25°C)		712,274	828,024	301,552	581,968
Heat dissipation (BTU/hr)		27.911	27.535	77.899	42.413
Acoustic noise@25°C (min/max, dBA)		Fanless, 0	Fanless, 0	Fanless, 0	Fanless, 0

Model		GS1100-10HP	GS1100-16	GS1100-24E
Product name		16-port GbE Unmanaged PoE Switch with GbE Uplink	16-port GbE Unmanaged Switch	24-port GbE Unmanaged Switch
				
Switch class		Unmanaged	Unmanaged	Unmanaged
Port Density				
Total port count		10	16	24
100M/1G Ethernet (RJ-45)		8	16	24
Gigabit SFP		2	-	-
PoE				
PoE ports		8	-	-
Total PoE budget (watts)		130	-	-
IEEE 802.3at PoE+		Port 1-8	-	-
Performance				
Switching capacity (Gbps)		20	32	48
Forwarding rate (Mpps)		14.88	23.8	35.7
Packet buffer (byte)		256K	525K	525K
MAC address table		8K	8K	8K
Jumbo frame (byte)		9K	9K	10K
Flash/RAM		2MB/128KB	2MB/128KB	2MB/128KB
Power				
Input		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		3.3	3.5	5.06
Max. power consumption (watts) All ports full load without PoE		26.1	10	13
Max. power consumption (watts) All ports full load with PoE		156.1	-	-
Physical Specifications				
Item	Dimensions (WxDxH)(mm/in)	250 x 104 x 27/ 9.84 x 4.10 x 1.06	215 x 133 x 42/ 8.46 x 5.24 x 1.65	267 x 162 x 42/ 10.51 x 6.38 x 1.65
	Weight (kg/lb)	0.73/1.6	0.9/1.98	1.5/3.3
Packing	Dimensions (WxDxH)(mm/in)	306 x 246 x 65/ 12.04 x 9.69 x 2.56	326 x 228 x 72/ 12.83 x 8.98 x 2.83	326 x 228 x 72/ 12.83 x 8.98 x 2.83
	Weight (kg/lb)	1.72/3.79	1.62/3.57	1.73/3.81
Included accessories		• Power adapter • Power cord • Wall-mount kit	• Power cord • Wall mount kit • Rack mounting kit	• Power cord • Wall mount kit • Rack mounting kit

Model		GS1100-10HP	GS1100-16	GS1100-24E
ESD/Surge Protections				
Power supply surge protection	Line-GND	2KV	2KV	2KV
	Line-Line	1KV	1KV	1KV
ESD protection (air/contact)		8KV/4KV	8KV/4KV	8KV/4KV
Environmental Specifications				
Operating	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
	Humidity	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
	Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
MTBF (hr @ 25°C)		1,395,820	1,156,942	366,919
Heat dissipation (BTU/hr)		515.9	32.86	43.53
Acoustic noise@25°C (min/max, dBA)		Fanless, 0	Fanless, 0	Fanless, 0

Features

Standard Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3z 1000BASE-X (GS1100-10HP only)
- IEEE 802.3az EEE support
- IEEE 802.3x flow control
- IEEE 802.1p CoS
- IEEE 802.3af PoE (for PoE model)
- IEEE 802.3at PoE Plus (for PoE model)

- Port LED On/Off
- VLAN Trunking
- 802.1Q VLAN
- Loop prevention
- DHCP client
- Port isolation
- IEEE 802.3az
- Firmware upgrade
- Configuration: Backup and Restore
- Reboot/Reset factory default
- PoE configuration (for PoE model)

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

Software Features (For Unmanaged Plus Models)

- Web-based management
- System password

Certifications Safety

- Safety:
 - LVD
 - BSMI

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	Product Description
GS1100-16	4718937653256	GS1100-16-US0104F	16-port GbE Unmanaged Switch (Unmanaged Plus Series)
	4718937653249	GS1100-16-GB0104F	
	4718937653232	GS1100-16-EU0104F	
GS1100-16E	4718937571390	GS1100-16E-US0101F	16-port GbE Unmanaged Slim Switch (Unmanaged Plus Series)
	4718937571383	GS1100-16E-GB0101F	
	4718937571376	GS1100-16E-EU0101F	
GS1100-16EP	4718937653287	GS1100-16EP-US0101F	16-port GbE PoE Unmanaged Slim Switch (Unmanaged Plus Series)
	4718937653263	GS1100-16EP-EU0101F	
GS1100-24E	4718937653317	GS1100-24E-US0104F	24-port GbE Unmanaged Slim Switch (Unmanaged Plus Series)
	4718937653300	GS1100-24E-GB0104F	
	4718937653294	GS1100-24E-EU0104F	
GS1100-10HP	4718937638062	GS1100-10HP-USAM02F	8-port GbE Unmanaged PoE Switch with GbE Uplink
	4718937622498	GS1100-10HP-US0102F	
	4718937621194	GS1100-10HP-GB0102F	
	4718937621187	GS1100-10HP-EU0102F	
GS1100-16	4718937614080	GS1100-16-US0103F	16-port GbE Unmanaged Switch
	4718937614073	GS1100-16-GB0103F	
	4718937614066	GS1100-16-EU0103F	
GS1100-24E	4718937614141	GS1100-24E-US0103F	24-port GbE Unmanaged Switch
	4718937614134	GS1100-24E-GB0103F	
	4718937614127	GS1100-24E-EU0103F	

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