

Zyxel XGS2220 Series XGS2220-54FP (XGS2220-54FP-GB0101F)

Zyxel XGS2220 Series XGS2220-54FP - Switch - L3 access - Managed - 48 x Gigabit Ethernet + 6 x 10 Gigabit (uplink) - desktop, rack-mountable - PoE+ (960 W)

In addition to four 10G SFP+ uplink, it comes with two additional 10G Multi-Gigabit (1G/2.5G/5G/10G) RJ-45 ports for more flexible connectivity. PoE models XGS2220-54FP provide additional power over Ethernet capability. This Series is built with smart fan designed to automatically adjust speeds based on the device temperature, offering near silence while the Switch is in operation.



Key Selling Points

- Handles a high-bandwidth applications easily with up to six 10G connectivity
- Tailor-made Networked AV mode brings efficiency to professional AVoIP networking setups and monitoring services
- PoE++ provides 60 W for each port respectively with high power budget of up to 960 W
- Support Multi-Gigabit - 100M/1G/2.5G/5G/10G connections

Product Features

- Robust performance**
The Zyxel XGS2220-54FP offers a switching capacity of 216 Gbps along with a forwarding rate of 161 Mpps, ensuring efficient data handling and robust network performance.
- Versatile connectivity**
This switch includes a total of 48 Gigabit Ethernet ports and 6 additional 10 Gigabit uplink ports, accommodating various networking needs and providing flexibility for future expansions.
- Advanced power management**
Equipped with PoE+ capabilities, the Zyxel XGS2220-54FP can deliver up to 960 W, suitable for powering devices such as IP cameras and access points without the need for additional power sources.
- Enhanced protection features**
With its integrated 2KV Surge protection and advanced ESD protection against contact and air-gap discharges, this switch ensures the reliability and safety of data transmission in demanding environments.
- Environmental adaptability**
Operational in a range of temperatures from -20°C to 50°C, the Zyxel XGS2220-54FP is built to function efficiently in diverse conditions, making it a resilient choice for various deployment scenarios.

Main specifications

Product Description	Zyxel XGS2220 Series XGS2220-54FP - switch - L3 access - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - Managed
Enclosure Type	Rack-mountable
Subtype	10 Gigabit Ethernet
Ports	48 x Gigabit Ethernet + 6 x 10 Gigabit (uplink)
Power Over Ethernet (PoE)	PoE+
PoE Budget	960 W
Performance	Switching capacity: 216 Gbps Forwarding rate: 161 Mpps Packet buffer size: 2 MB
Capacity	Routing tables: 64 IP interfaces: 32 IPv4 forwarding table entries: up to 1000 IPv6 forwarding table entries: up to 512
MAC Address Table Size	32K entries
Jumbo Frame Support	9000 bytes
Routing Protocol	IGMP
Features	Layer 3 switching, 2KV Surge protection, 6KV ESD Protector (contact discharge), 8KV ESD Protector (air-gap discharge), IGMP snooping, Smart Fan
Compliant Standards	IEEE 802.3at, IEEE 802.3bt
Power	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH)	44.1 cm x 33 cm x 4.4 cm

Weight	5 kg
Localisation	United Kingdom

Extended specification

General

Device Type	Switch - 48 ports - Managed
Enclosure Type	Desktop, rack-mountable
Subtype	10 Gigabit Ethernet
Ports	48 x Gigabit Ethernet + 6 x 10 Gigabit (uplink)
Power Over Ethernet (PoE)	PoE+
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Performance	Switching capacity: 216 Gbps Forwarding rate: 161 Mpps Packet buffer size: 2 MB
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MAC Address Table Size	32K entries
Jumbo Frame Support	9000 bytes
Routing Protocol	IGMP
Features	Layer 3 switching, 2KV Surge protection, 6KV ESD Protector (contact discharge), 8KV ESD Protector (air-gap discharge), IGMP snooping, Smart Fan
Compliant Standards	IEEE 802.3at, IEEE 802.3bt
RAM	1 GB
Flash Memory	64 MB

Expansion / Connectivity

Interfaces	40 x 100 / 1000Base-T RJ-45 PoE+ 8 x 100 / 1000Base-T RJ-45 PoE++ - 60 W 2 x 1/2.5/5/10GBase-T RJ-45 PoE++ - 60 W 4 x 1/10GBase-SX SFP+
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Miscellaneous

Included Accessories	Power cord
Rack Mounting Kit	Included
MTBF	227,352 hours
Localisation	United Kingdom

Power

Power Device	Internal power supply
Voltage Required	AC 100-240 V (50/60 Hz)

Environmental Parameters

Min Operating Temperature	-20 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	10 - 90% (non-condensing)

Dimensions & Weight

Width	44.1 cm
Depth	33 cm
Height	4.4 cm

Weight5 kg

Dimensions & Weight (Shipping)

Shipping Width	58 cm
Shipping Depth	50.3 cm
Shipping Height	9.5 cm
Shipping Weight	6.33 kg

What's in the box

- Zyxel XGS2220 Series XGS2220-54FP
- Power cord
- Rack mounting kit

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet