

ZYXEL

## Zyxel XGS4600-52F Managed L3 Black

Brand : Zyxel

Product code: XGS4600-52F-ZZ0101F

Product name : XGS4600-52F

XGS4600-52F - 48-port GbE L3 Managed Fiber Switch with 4 SFP+ Uplink

[Zyxel XGS4600-52F Managed L3 Black:](#)

### Stylish Outlook

New ID design with carbon fiber look name plate delivers the modern look-and-feel in the closet. Choose a right L3 switch for your network

### High Availability

The XGS4600 Series comes with Gigabit connectivity and four integrated 10-Gigabit SFP+ slots that enable high-speed uplink connections for affordable, reliable network elements.

### Stacking Capability

The XGS4600-32/32F allows creating a physical stack through one or two 10-Gigabit SFP+ slots. XGS4600 series features dynamic routing to simplify cross-subnet communications for businesses such as hospitality venues and education institutions that operate complex networks.

### High Resiliency

The XGS4600 Series is designed to support active-standby power redundancy to trigger backup power supply to take over in case the main power supply fails.



Management features		Performance	
Switch type *	Managed	Noise level	42.6 dB
Switch layer	L3	Mean time between failures (MTBF)	815860 h
Web-based management	✓	<b>Power</b>	
<b>Ports &amp; interfaces</b>		AC input voltage	100 - 240 V
SFP module slots quantity	48	AC input frequency	50 - 60 Hz
SFP+ module slots quantity	4	Power consumption (max)	70.16 W
<b>Network</b>		<b>Power over Ethernet (PoE)</b>	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x	Power over Ethernet (PoE) *	✗
10G support *	✓	<b>Operational conditions</b>	
IP routing	✓	Operating temperature (T-T)	0 - 50 °C
<b>Data transmission</b>		Storage temperature (T-T)	-40 - 70 °C
Switching capacity *	176 Gbit/s	Operating relative humidity (H-H)	10 - 95%
MAC address table *	32000 entries	Storage relative humidity (H-H)	10 - 95%
Packet buffer memory	4 MB	Heat dissipation	252.68 BTU/h
<b>Security</b>		<b>Weight &amp; dimensions</b>	
DHCP features	DHCP server	Width	441 mm
Access Control List (ACL)	✓	Depth	360 mm
Security algorithms	SSH, SSL/TLS	Height	44 mm
MAC address filtering	✓	Weight	4.97 kg
SSH/SSL support	✓	<b>Packaging data</b>	
BPDU filtering/protection	✓	Package width	616 mm
		Package depth	355 mm
		Package height	107 mm
		Package weight	6.6 kg
		<b>Logistics data</b>	
		Harmonized System (HS) code	85176990

## Design

Rack mounting *	✓
Stackable *	✗
Product colour	Black
LED indicators	✓

## Performance

Internal memory	1024 MB
Flash memory	64 MB



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