ZYXEL

Zyxel XGS1930 52 Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel   **Product code:** XGS1930-52HP-GB0101F

Product name : XGS1930 52

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3z 1000BASE-X
- IEEE 802.3ae 10-Gigabit Ethernet Over Fiber
- IEEE 802.3af PoE
- IEEE 802.3at PoE Plus
- IEEE 802.3az EEE
- IEEE 802.3x flow control
- IEEE 802.3ad LACP aggregation
- IEEE 802.1D Spanning Tree Protocol (STP)
- IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- IEEE 802.1p Class of Service (CoS) prioritization
- IEEE 802.1X port authentication
XGS1930-52HP - 48-port GbE Smart Managed PoE Switch with 4 SFP+ Uplink
Zyxel XGS1930 52. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE.... Power over Ethernet (PoE). Rack mounting

Management features

Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
Web-based management	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	48
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP+ module slots quantity	4

Network

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 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T
Port mirroring	✔
IP routing	✔
Routing entries	32
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Spanning tree protocol	✔
VLAN support	✔
Virtual LAN features	Port-based VLAN, Voice VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	176 Gbit/s

Design

Rack mounting *	✔
Product colour	Black
Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC

Performance

Internal memory	512 MB
Flash memory	32 MB
Noise level	28.4 dB
Mean time between failures (MTBF)	494960 h

Power

AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	498.4 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet (PoE) ports quantity	48
Total Power over Ethernet (PoE) budget	375 W

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 95%
Storage relative humidity (H-H)	10 - 95%
Heat dissipation	1699.544 BTU/h

Weight & dimensions

Width	441 mm
Depth	330 mm
Height	44 mm
Weight	5.1 kg

Data transmission

Forwarding rate	130.9 Mpps
MAC address table *	16000 entries
Static route	✓
Packet buffer memory	1.5 MB

Security

DHCP features	DHCP client
Access Control List (ACL)	✓
IGMP snooping	✓
Security algorithms	802.1x RADIUS, HTTPS, SNMPv3, SSL/TLS
SSH/SSL support	✓
Loop protection	✓
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication
Password protection	✓

Protocols

GARP VLAN Registration Protocol (GVRP)	✓

Packaging data

Cables included	AC
Package type	Box
Rack mount kit	✓
Package width	585 mm
Package depth	503 mm
Package height	95 mm
Package weight	6.31 kg

Logistics data

Harmonized System (HS) code	85176990

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