

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		Design	
Switch type *	Managed	Rack mounting *	✓
Switch layer	L3	Product colour	Black
Quality of Service (QoS) support	✓	Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
Web-based management	✓	Performance	
Ports & interfaces		Internal memory	512 MB
Basic switching RJ-45 Ethernet ports quantity *	48	Flash memory	32 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Noise level	28.4 dB
SFP+ module slots quantity	4	Mean time between failures (MTBF)	494960 h
Network		Power	
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	AC input voltage	100 - 240 V
10G support *	✓	AC input frequency	50 - 60 Hz
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power consumption (max)	498.4 W
Port mirroring	✓	Power over Ethernet (PoE)	
IP routing	✓	Power over Ethernet (PoE) *	✓
Routing entries	32	Power over Ethernet (PoE) ports quantity	48
Flow control support	✓	Total Power over Ethernet (PoE) budget	375 W
Link aggregation	✓	Operational conditions	
Broadcast storm control	✓	Operating temperature (T-T)	0 - 50 °C
Spanning tree protocol	✓	Storage temperature (T-T)	-40 - 70 °C
VLAN support	✓	Operating relative humidity (H-H)	10 - 95%
Virtual LAN features	Port-based VLAN, Voice VLAN	Storage relative humidity (H-H)	10 - 95%
Number of VLANs	4000	Heat dissipation	1699.544 BTU/h
Data transmission		Weight & dimensions	
Switching capacity *	176 Gbit/s	Width	441 mm
		Depth	330 mm
		Height	44 mm
		Weight	5.1 kg

Data transmission		Packaging content	
Forwarding rate	130.9 Mpps	Cables included	AC
MAC address table *	16000 entries	Rack mount kit	✓
Static route	✓	Packaging data	
Packet buffer memory	1.5 MB	Package type	Box
Security		Package width	585 mm
DHCP features	DHCP client	Package depth	503 mm
Access Control List (ACL)	✓	Package height	95 mm
IGMP snooping	✓	Package weight	6.31 kg
Security algorithms	802.1x RADIUS, HTTPS, SNMPv3, SSL/TLS	Logistics data	
SSH/SSL support	✓	Harmonized System (HS) code	85176990
Loop protection	✓		
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication		
Password protection	✓		
Protocols			
GARP VLAN Registration Protocol (GVRP)	✓		



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