

ZYXEL

Zyxel XGS1930-28HP network switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Brand : Zyxel

Product code: XGS1930-28HP

Product name : XGS1930-28HP

- 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

XGS1930-28HP - 24-port GbE Smart Managed PoE Switch with 4 SFP+ Uplink

Zyxel XGS1930-28HP. 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: 24. MAC address table: 16000 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack mounting



Management features		Protocols	
Switch type *	Managed	GARP VLAN Registration Protocol (GVRP)	✓
Switch layer	L3	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Product colour	Black
Ports & interfaces		Safety	LVD, BSMI
Basic switching RJ-45 Ethernet ports quantity *	24	Electromagnetic compatibility	FCC 15 A, CE A, BSMI EMC
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Performance	
SFP+ module slots quantity	4	Internal memory	512 MB
Network		Flash memory	32 MB
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Noise level	28.5 dB
	10G support *	Mean time between failures (MTBF)	1369432 h
Copper ethernet cabling technology	10BASE-F, 100BASE-TX, 1000BASE-T	Power	
Port mirroring	✓	Power source *	AC
IP routing	✓	AC input voltage	100 - 240 V
Routing entries	32	AC input frequency	50 - 60 Hz
Flow control support	✓	Power consumption (max)	471 W
Link aggregation	✓	Power over Ethernet (PoE)	
Broadcast storm control	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet (PoE) ports quantity	24
VLAN support	✓	Total Power over Ethernet (PoE) budget	375 W
Virtual LAN features	Voice VLAN, Port-based VLAN	Operational conditions	
		Operating temperature (T-T)	0 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 95%

Network		Operational conditions	
Number of VLANs	4000	Storage relative humidity (H-H)	10 - 95%
Data transmission		Heat dissipation	1606.11 BTU/h
Switching capacity *	128 Gbit/s	Weight & dimensions	
Forwarding rate	95.2 Mpps	Width	441 mm
MAC address table *	16000 entries	Depth	330 mm
Static route	✓	Height	44 mm
Path MTU discovery	✓	Weight	4.6 kg
Packet buffer memory	1.5 MB	Packaging content	
Security		Cables included	AC
DHCP features	DHCP relay, DHCPv6 relay, DHCP client	Rack mount kit	✓
		Packaging data	
Access Control List (ACL)	✓	Package width	585 mm
IGMP snooping	✓	Package depth	503 mm
Security algorithms	802.1x RADIUS, HTTPS, SHA-2, SNMPv3, SSL/TLS	Package height	95 mm
SSH/SSL support	✓	Package weight	5.82 kg
Loop protection	✓		
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication		
Password protection	✓		
CPU defense	✓		
Multicast features			
Multicast support	✓		



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Catalog Object Cloud



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