

ZYXEL

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

Brand : Zyxel

Product code: XGS1930-28HP-GB0101F

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		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 *	24	Flash memory	32 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Noise level	28.5 dB
SFP+ module slots quantity	4	Mean time between failures (MTBF)	1369432 h
Network		Power	
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 802.3u, IEEE 802.3x, IEEE 802.3z	AC input voltage	100 - 240 V
Port mirroring	✓	AC input frequency	50 - 60 Hz
IP routing	✓	Power consumption (max)	471 W
Routing entries	32	Power over Ethernet (PoE)	
Flow control support	✓	Power over Ethernet (PoE) *	✓
Link aggregation	✓	Power over Ethernet (PoE) ports quantity	24
Broadcast storm control	✓	Total Power over Ethernet (PoE) budget	375 W
Spanning tree protocol	✓	Operational conditions	
VLAN support	✓	Operating temperature (T-T)	0 - 50 °C
Virtual LAN features	Port-based VLAN, Voice VLAN	Storage temperature (T-T)	-40 - 70 °C
Number of VLANs	4000	Operating relative humidity (H-H)	10 - 95%
Data transmission		Storage relative humidity (H-H)	10 - 95%
Switching capacity *	128 Gbit/s	Heat dissipation	1606.11 BTU/h
Forwarding rate	95.2 Mpps	Weight & dimensions	
MAC address table *	16000 entries	Width	441 mm
Static route	✓	Depth	330 mm
		Height	44 mm
		Weight	4.6 kg

Data transmission		Packaging data	
Packet buffer memory	1.5 MB	Cables included	AC
Security		Package type	Box
DHCP features	DHCP client, DHCP relay, DHCPv6 relay	Rack mount kit	✓
Access Control List (ACL)	✓	Package width	585 mm
IGMP snooping	✓	Package depth	503 mm
SSH/SSL support	✓	Package height	95 mm
Loop protection	✓	Package weight	5.82 kg
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication	Logistics data	
Password protection	✓	Harmonized System (HS) code	85176990
Multicast features			
Multicast support	✓		
Protocols			
GARP VLAN Registration Protocol (GVRP)	✓		



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