ZYXEL

Zyxel XMG1930-30 Managed L3 2.5G Ethernet (100/1000/2500) Black

Brand : Zyxel   **Product code:** XMG1930-30-ZZ0101F
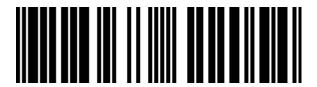
Product name : XMG1930-30

- Multi-Gigabit supports with 2.5G and 10G combinations offering flexibility for high density Multi-Gig deployments
- Up to Six 10G uplinks including both copper and fiber options providing extensibility and resilience for networks
- Main ports support up to 2.5G makes the Switch an ideal solution for high-speed Internet Service Providers to upgrade from traditional 1G/2.5G to every user
- lNebula ecosystem offers a unified cloud network experience, from wired, wireless and security gateway
- Smart Managed L2 Switch feature set with L3 static route
24-Port 2.5G Multi-Gig Lite-L3 Smart Managed Switch with 6-port 10G Uplink (4 Copper/2 SFP+)

Management features

Switch type *	Managed
Switch layer	L3
Quality of Service (QoS) support	✔
System event log	✔
MIB support	RFC 1066, RFC 1213, 1157, RFC 1493, RFC 1643, RFC 1757, RFC 2011, 2012, 2013, RFC 2233, RFC 2358, RFC 2674, RFC 2819, 2925, RFC 3621, RFC 4022, RFC 4113, RFC 4292, RFC 4293

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)
10G Ethernet (copper) ports quantity	4
Fiber ports quantity	2
Fiber optic connector	SFP+
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.1D, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3an, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T, 2500BASE-T
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔

Security

Queue scheduling algorithms	Strict Priority Queue (SPQ), WFQ, Weighted Round Robin (WRR)

Protocols

GARP VLAN Registration Protocol (GVRP)	✔
IPv4 & IPv6 features	Dual stack IPv4/IPv6

Design

Rack mounting *	✔
Product colour	Black
LED indicators	✔
Certification	BSMI, EMC

Performance

Internal memory	256 MB
Flash memory	32 MB
Noise level	47.6 dB
Mean time between failures (MTBF)	532217 h

Technical details

Compliance certificates	CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD), RoHS

Power

Power source *	AC
Power supply included *	✔
Number of power supply units	1
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	67.1 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✘

Network

Ethernet LAN data rates	100,1000,2500,10000 Mbit/s
VLAN support	✔
Virtual LAN features	Port-based VLAN, VLAN Identifier (VLAN ID), Voice VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	240 Gbit/s
Forwarding rate	178.5 Mpps
MAC address table *	16000 entries
Static route	✔
Jumbo frames support	✔
Jumbo frames	12000
Packet buffer memory	2 MB

Security

DHCP features	DHCP Option 82, DHCP relay, DHCPv6 client, DHCPv6 relay
IGMP snooping	✔
Security algorithms	802.1x RADIUS, HTTPS, SHA-2, SNMP, SNMPv2, SNMPv3, SSL/TLS
SSH/SSL support	✔
Authentication	Guest VLAN, MAC-based authentication

Operational conditions

Operating temperature (T-T)	-20 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Heat dissipation	67.1 BTU/h

Weight & dimensions

Width	441 mm
Depth	270 mm
Height	44 mm
Weight	3.81 kg

Packaging data

Cables included	AC

Sustainability

Sustainability compliance	✔
Sustainability certificates	CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD), RoHS

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