

ZYXEL

Zyxel XMG1930-30 Hallittu L3 2.5G Ethernet (100/1000/2500) musta

Tuotemerkki : Zyxel

Tuotekoodi: XMG1930-30-ZZ0101F

Tuotteen nimi : XMG1930-30

Zyxel XMG1930-30. Kytkin tyyppi: Hallittu, Kytinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 2.5G Ethernet (100/1000/2500), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 240 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE.... Virtaliitin: AC-inliitin. Telineasennus



Management features		Security	
Switch type *	Managed	Queue scheduling algorithms	Strict Priority Queue (SPQ), WFQ, Weighted Round Robin (WRR)
Switch layer	L3		
Quality of Service (QoS) support	✓	Protocols	
System event log	✓	GARP VLAN Registration Protocol (GVRP)	✓
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	IPv4 & IPv6 features	Dual stack IPv4/IPv6
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	24	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Product colour	Black
10G Ethernet (copper) ports quantity	4	LED indicators	✓
Fiber ports quantity	2	Performance	
Fiber optic connector	SFP+	Internal memory	256 MB
Power connector	AC-in jack	Flash memory	32 MB
		Noise level	47.6 dB
		Mean time between failures (MTBF)	532217 h
Network		Power	
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	Power source *	AC
10G support *	✓	Power supply included *	✓
Copper ethernet cabling technology	10GBASE-T, 1000BASE-T, 2500BASE-T	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) *	✗
		Operational conditions	
		Operating temperature (T-T)	-20 - 50 °C

Network		Operational conditions	
Flow control support	✓	Storage temperature (T-T)	-40 - 70 °C
Link aggregation	✓	Operating relative humidity (H-H)	5 - 95%
Broadcast storm control	✓	Storage relative humidity (H-H)	5 - 95%
Rate limiting	✓	Heat dissipation	67.1 BTU/h
Spanning tree protocol	✓	Weight & dimensions	
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s	Width	441 mm
VLAN support	✓	Depth	270 mm
Virtual LAN features	Port-based VLAN, VLAN Identifier (VLAN ID), Voice VLAN	Height	44 mm
Number of VLANs	4000	Weight	3.81 kg
Data transmission		Packaging content	
Switching capacity *	240 Gbit/s	Cables included	AC
Forwarding rate	178.5 Mpps	Sustainability	
MAC address table *	16000 entries	Sustainability compliance	✓
Static route	✓	Certificates	
Jumbo frames support	✓	Compliance certificates	CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD), RoHS
Jumbo frames	12000	Certification	BSMI, EMC
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		



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