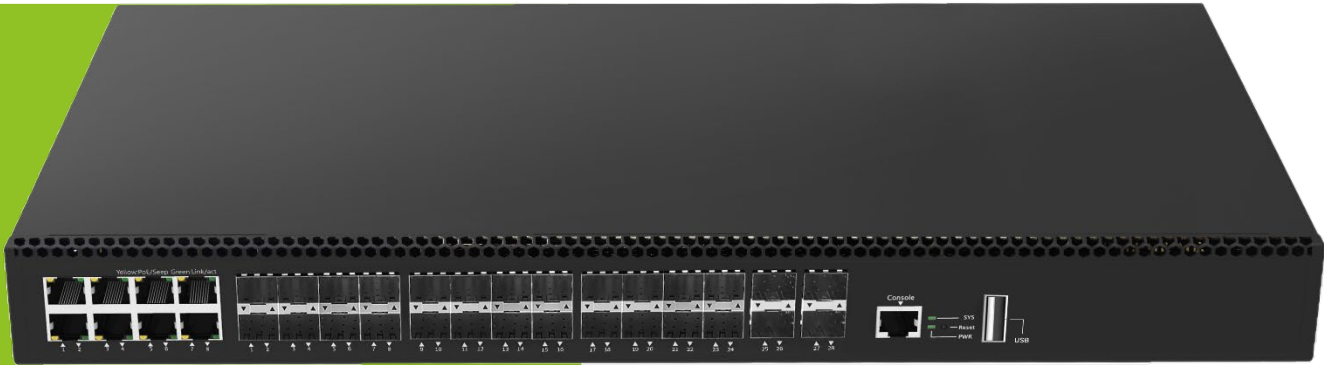




16x1G SFP + 8x1G SFP/RJ45 COMBO ports+4x10G SFP+ MANAGED SWITCH LN-2316XF8C-4XGF



Product Highlights

- 4x1G/2.5G/10G SFP+ slots uplink
- 16x1G SFP ports + 8x1G SFP/RJ45 COMBO ports downlink
- Power Efficiency
- Full Layer 2+ feature set with Marvell ROS

LN-2316XF8C-4XGF is the Layer 2 managed Gigabit switch. The series deliver full Gigabit access and unparalleled scalability to 10G performance. It provides high-density performance with 128Gbps switching capacity. LN-2316XF8C-4XGF supports comprehensive end to end QoS as well as flexible and rich management, security settings, which can meet the high speed, secure and smart requirement for small and medium-size enterprise

networks based on cost effective price. The powerful network security features also make the switch performs effective data traffic control for ISP and enterprise VoIP, video streaming, and multicast applications

This switch series is the latest generation of Web-Smart switch, these switches are purposely designed and optimized for network performance, operational cost, ease of management and reliability for small and medium business (SMB) market. New generation of Switch series provide 24 port configurations with high performance, various management tools, and rich and powerful L2 features.

SWITCH FEATURES

- Open Flow support
- Up to 8 units' stack
- Advanced QoS
- Full Layer 2+ software support

HARDWARE SPECIFICATION

Function/parameter	LN-2316XF8C-4XGF
Marvell Chipset.....	Alleycat3BHX.....
Switching capacity.....	128Gbps.....
Packet forwarding rate.....	95Mpps.....
Buffer.....	12M bit.....
Consumption.....	≤40W.....
MAC address tab.....	16K.....
Case.....	440*245*44mm.....
Fixed ports 1Gb/s.....	4*1G/2.5G/10G SFP+, 16*1G SFP ports, 8*1G SFP/RJ45 COMBO ports.....
Fiber ports 10Gb/s SFP+.....	4.....
Other Ports.....	Console, OOB, USB 2.0.....
Working temperature.....	0°C-50°C.....
Power supply.....	VAC input Rated voltage range: 100-240V Frequency: 50/60Hz.....
Power surge protection.....	6KV, IEC 61000-4-5 Level X (8/20us).....
Ethernet ports surge protection.....	4KV, IEC 61000-4-5 Level 4 (10/700us).....

Marvell ROS SOFTWARE FEATURES

MAC-Based VLANs	ISATAP Tunneling
Voice VLAN	MAC-based Port Security (Locked Port)
Multicast TV VLAN	802.1x Port-Based Authentication
Triple Play, MVR	Time Based 802.1x
Q-in-Q, Selective Q-in-Q	Guest VLAN
Multicast Bridging Mode	Unauthenticated VLANs
Static Multicast Groups	802.1x - MAC Authentication
IGMP Snooping	Action-on-Violation
MLD Snooping	Flow Monitoring (sFlow)
Flooding of Unregistered Multicast Frames	RADIUS Remote Authorization and Authentication
Per-device Spanning Tree	RADIUS Accounting
Rapid Spanning Tree	TACACS+
Multiple Spanning Tree	DHCP Snooping
STP Root Guard	IP Source Address Guard
BPDU Filtering	ARP Inspection
STP BPDU Guard	DoS Attack Prevention
Per-device Loopback Detection (LBD)	SSL
LACP	SSH
LAG Balancing	QoS Across the Stack
Static and Dynamics (DHCP/BootP) IP assignment	QoS statistics
DNS Client	Egress Rate Limiting (Shaping)
IPv6 Host	Ingress Rate Limiting
Dual Stack	Packet Storm Control
	Dynamic VLAN Assignment