



# 4-PORTS MANAGED SWITCH LN-2304GP-2XGF LN-2304G-2XGF



## Product Highlights

- Easy Deployment and Use
- Strong Security
- Power Efficiency
- Full Layer 2+ feature set with Marvell ROS

This is affordable managed switch that provides a reliable foundation for your business network. It delivers the features you need to improve the availability of your critical business applications, protect your sensitive information, and optimize your network bandwidth to deliver information and applications more effectively. Easy to set up and use, it provides the ideal combination of affordability and capabilities for small businesses and helps you create a more efficient, better-connected workforce 8-ports switches are available with PoE+ ports. This capability simplifies advanced technology

deployments such as IP telephony, wireless, and IP surveillance by allowing you to connect and power network endpoints over a single Ethernet cable. With no need to install separate power supplies for IP phones or wireless access points, you can take advantage of advanced communications technologies more quickly and at a lower cost.

## SWITCH OPTIONS

---

- POE+/no POE
- SFP/SFP+

# HARDWARE SPECIFICATION

Function/parameter	4x1G + 2x SFP/SFP+ (w4xPoE/no PoE)
Marvell Chipset.....	98DX223S
FLASH.....	128 Mb
RAM.....	512 Mb
FANs.....	NA
LED Indicators.....	PWR, SYS, Link/ACT LED
Power Interface.....	220V/AC interface (external power supply)
Input Voltage.....	AC 100-240V 50/60Hz
Total Power Consumption.....	Non PoE full load ≤ 10W
POE budget.....	240W
Operating Temperature.....	PoE: -30°C~+50°C; Non PoE: -30°C+60°C
Thermal Methods.....	Fan-less design, natural heat dissipation
MTBF.....	100,000h
Case.....	152*115*44mm (L*W*H)
Weight.....	0.6KG
Copper ports 1Gb/s.....	4x1Gbps
SFP/ SFP+.....	2
Other Ports.....	Console, OOB optional, USB 2.0 optional, Fact Reset

## 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