

**L2+ | Web, Console | Non PoE | Stackable | 16 x 1GE SFP
Ports 8 x 1GE SFP/TX COMBO Ports | 4x 10GE SFP+ Ports**



PRODUCT OVERVIEW

The RL-LP-16F-8C-4X Series is a state-of-the-art managed switch meticulously designed to address the complex demands of medium and enterprise businesses. This series is powered by advanced hardware architecture and stacking capabilities that not only enhance network performance but also ensure reliable and efficient operations across high-bandwidth environments.

The RL-LP-16F-8C-4X Series integrates sophisticated features such as varied service characteristics, a versatile IPv6 solution, and comprehensive security mechanisms, providing administrators with unparalleled control over network security, traffic management, and performance optimization.

The switch's carrier-level high reliability and support for Layer-3 routing protocols, including Static Routing, RIP, and OSPF, offer robust networking solutions for complex enterprise environments. Its versatile and combinable ports enable effective functioning at both Aggregation and Access layers,

making it a versatile solution for diverse network architectures. The intuitive management interface simplifies configuration and monitoring, making it accessible for network professionals to deploy and manage with ease.

The RL-LP-16F-8C-4X exemplifies our dedication to innovative design, offering a breakthrough solution that not only meets current high-bandwidth networking needs but also delivers advanced aggregation and routing capabilities. This series is not just a switch; it is a comprehensive networking solution that bridges the gap between enterprise-grade performance and adaptability to evolving network demands. Experience the future of network connectivity with the RL-LP-16F-8C-4X, your partner in elevating your enterprise network's capabilities and meeting the challenges of modern networking environments with confidence and precision.



Key Features

- **Managed Layer 2+ stackable switch** with 16 x 1G SFP port, 8 x 1G SFP/TX Combo port, 4 x 10G SFP+ Port with 128 Gbps High throughputs.
- **10G SFP+ ports** provide high-speed connectivity for network uplinks, servers, and network storage devices.
- **Advanced hardware architecture** with industry-leading port density ensures optimal performance and scalability.

Specifications:

INTERFACE	16 100/1000M SFP 8 GE SFP/TX COMBO 4 10GE/GE SFP+
CONSOLE(RJ45)	1
BACKPLANE(Gbps)	128
FORWARDING RATE(Mpps WITH 64 BYTES)	96
CHASSIS	
DIMENSIONS (WXDXH)(MM)	440x280x94
WEIGHT(KG)(EMPTY)	4
PACKAGE	
DIMENSIONS (WXDXH)(MM)	500x448x80
WEIGHT(KG)	5.2
POWER CONSUMPTION	
NO-LOAD	<18W
FULL LOAD	45W

POWER SUPPLY	
AC: 100V-240V,50/60Hz	45W
POE POWER BUDGET	-
TOTAL OUTPUT BTU(1000BTU/ H=293W)	153.58
FAN NUMBER	2
NOISE@25°C(dBA)	0
MTBF(H)	> 200,000
FORWARDING MODE	Store - Forward
FLASH (MB)	32
DRAM (MB)	256
MAC	16K
BUFFER SIZE(MB)	1.5
JUMBO FRAME	9K
INTERFACE VLAN	64
ROUTING TABLE	2040

Product Features

VLAN
4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN
Spanning Tree
802.1D (STP)
802.1W (RSTP) and 802.1S (MSTP)
BPDU guard, root guard and loopback guard
Multicast
IGMP v1/v2/v3
IGMP Snooping
IGMP Fast Leave
MVR, IGMP filter
IP
Static route
RIP, OSPF
IPv4/v6 dual stack
IPv6
ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet IPv6 neighbor discovery, Path MTU discovery MLD V1, MLD snooping IPv6 Static Routing, RIPng, OSPFv3 Manual tunnel, ISATAP tunnel, 6 to 4
QoS
CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based QoS
802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR", Tail-Drop
WRED, flow monitoring and traffic shaping

Security
Port isolation, Port security, and "IP+MAC+port" binding, MAC
Sticky DHCP Snooping and option 82, DAI & IP source guard, PPPoE+
IEEE 802.1x, Radius and Tacacs+L2/L3/L4 ACL flow identification and filtration Anti-attack from
DDoS, TCP's SYN Flood, UDP Flood, etc. Broadcast/multicast/unknown unicast storm-control
MD5, SHA-256, RSA-1024, AES256, etc.
Reliability
Static/LACP link aggregation,
Interface backup
BVSS virtual-stacking
EAPS and ERPS
ISSU
Management
Console, Telnet, SSH v1/2, HTTP
HTTPSSNMP v1/v2/v3, RMON
TFTP, FTP, SFTP
NTP, SPAN, RSPAN
ZTP(Zero Touch Provisioning)
Environment
Operating temperature/humidity: 0°C -50°C, 10%-90% non-condensing
Storage temperature/humidity: -20°C -70°C, 5%-95% noncondensing
Accessories
Power cord, rackmount kits, console cable

Warranty and Support

Essential	Premium
Available for 3 years	Available for 1,3,5 years
Tech Support for 90 Days	Advanced Replacement and NBD Shipping Available
	24*7 Email Tech Support

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