



**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

## Product Features

<b>VLAN</b>
4K Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN, Voice VLAN
<b>Spanning Tree</b>
802.1D (STP)
802.1W (RSTP) and 802.1S (MSTP)
BPDU guard, root guard and loopback guard
<b>Multicast</b>
IGMP v1/v2/v3
IGMP Snooping
IGMP Fast Leave
MVR, IGMP filter
<b>IP</b>
Static route
RIP, OSPF
IPv4/v6 dual stack
<b>IPv6</b>
ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet IPv6 neighbor discovery, Path MTU discovery MLD V1, MLD snooping IPv6 Static Routing, RIPv6, OSPFv3 Manual tunnel, ISATAP tunnel, 6 to 4
<b>QoS</b>
CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based QoS
802.1P/DSCP priority re-labeling, SPWRR, and "SP+WRR", Tail-Drop
WRED, flow monitoring and traffic shaping

<b>POWER SUPPLY</b>	
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

### 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

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

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### Ray Pte. Ltd.

[www.raylyte.com](http://www.raylyte.com) | [support@raylyte.com](mailto:support@raylyte.com)

Suite #09-01, 20 Collyer Quay, Singapore 049319

