RS1025K-48LG-6S-40G

L2/3 MANAGED SWITCH



Product Overview

Professional L3 multi-gigabit managed switch with 48*2.5G RJ45 ports, 4*25G SFP+ optical ports and 2*40G QSFP+ uplink ports. 640Gbps switching bandwidth, 446.4Mpps forwarding rate. 16Mbit packet buffer, 32K MAC address table. Store-and-forward architecture with 802.1Q VLAN. Designed for data center, enterprise core and high-density multi-gigabit access deployment.

Product Highlights

- 48*2.5G RJ45 Ports: Self-negotiating 10/100/1000/2500Mbps for multi-gigabit copper access.
- 4*25G SFP+ Optical Ports: High-speed 25G fiber for server and storage connectivity.
- 2*40G QSFP+ Uplink: 40G quad-speed fiber uplink for data center backbone.
- 640Gbps Switching Bandwidth: Non-blocking with 446.4Mpps forwarding rate.
- 16Mbit Packet Buffer: High-buffer design for bursty data center traffic.
- Full L3 Management: SNMP, QoS, LACP, VLAN (802.1Q), Stackable, PoE support.