

S6650 Series

Layer3 Managed Ethernet Switch



- 48*1G/10G Base-X SFP+ port
- 6*40G/100G QSFP28 port
- 2160Gbps Switching capacity
- AC+AC (or AC+DC, DC+DC) power supply
- AC: 100~240V; 47/63Hz; DC: -20V~-60V
- 2*Modular FAN supply

Product Overview

The S6650-48SX6QC is a high-performance 10G fiber switch, featuring 48*10G optical ports and 6*40GE/100GE QSFP28 uplink ports. It supports full L2/L3 wire-speed forwarding, IPv6, ACL policies, and network security functions. With its high-density port design, maximum switching capacity, and flexible access capabilities, it enables 10GE/100GE connectivity and automatic optical module recognition, ensuring user investment protection and network flexibility. This switch is suitable for high-density, high-bandwidth scenarios, meeting the needs of enterprise networks, data centers, and metropolitan area networks. It is an ideal choice for network operators, campus aggregation/access layers, and core layers of small and medium-sized enterprises.

Feature & Specification

Attribute	S6650-48SX6QC
Ethernet Port	48*1GE/10GE SFP+; 6*40GE/100GE QSFP28
Chipset	Marvell 98DX8548
Switching Capacity	2160Gbps
Forwarding Rate	600Mpps
RAM/Flash	RAM: 4GB; Flash: 8GB
MAC Address	32K
Packet Buffer	48Mbit
Power Supply	AC: 100 ~ 240V, 47~63Hz DC: -20V ~ -60V
Power Consumption	≤220W
Dimension (L*W*H)	440*410*44mm
Environment Temperature	Working Temperature: -10°C ~ 50°C Storage Temperature: -40°C ~ 70°C Relative Humidity: 5%~95%, non-condensing
Software Feature	
VLAN	Support dual Tag VLAN
Port Control	Support
Port Aggregation	Support two-way bandwidth control; Support dynamic LACP
Mirroring	Support
ACL	Support standard and extended ACL
QoS	Port based traffic shaping ; COS/DSCP priority
Safety	IEEE 802.1X authentication, Radius&TACACS+ authentication
Layer3 Routing	Static/dynamic routing, RIP/OSPF/BGP
Management	Support VRRP、CLI、Telnet、WEB、SNMP V1/V2/V3、SSHv2