

# SFC9448A

## Ethernet Optical Switch

10Gbps SFP 48Slots  
+ 40G/100G QSFP28 6Slots  
Managed Switch



### Features

- Flexible Ethernet Network Configuration (G.8032 ERPS, STP/RSTP/MSTP)
- Multiple security controls (IEEE802.1x, MAC Certification)
- Easy operation and maintenance (CLI, SSH2, SNMP v1/v2/v3, Web)
- Various VLAN features (port/protocol/IP subnet)
- Various Routing (RIP/OSPF/BGP/IS-IS/PBR/PIM)
- Stacking (Logical management, bandwidth expansion)
- Network Traffic Analysis(Mirroring, sflow)

### Specifications

Standards	
Standard	IEEE 802.1D MAC Bridge IEEE 802.1p Traffic Quality (QoS) IEEE 802.1Q Virtual Bridge LAN IEEE 802.1ad Provider Bridge IEEE 802.2 Logical Link Control IEEE 802.3 CSMA/CD IEEE Std 802.3ax/IEEE Std 802.3ad LACP IEEE Std 802.3ae 10GE WEN/LAN Standards IEEE Std 802.3x Full Duplex and Flow Control IEEE Std 802.3z Gigabit Ethernet standard IEEE 802.3ah Ethernet(First Mile) IEEE 802.1ag Connection Fault Management IEEE 802.1ab Link Layer Search IEEE 802.1D STP IEEE 802.1w RSTP IEEE 802.1s MSTP IEEE 802.1x Port-based access control
Interface	
Optical Port	48 x GE SFP, 6 x 40G/100G QSFP28(100G Order Licenses Separately)
LED	LED indicators for monitoring power, link/activity
Performance	
Switching capacity : 2.16Tbps	Forwarding performance : 1607.1Mpps
Memory (RAM) : 4 GB	Flash memory : 2 GB
Operation Environments	
Temperature	Operation : -5°C ~ 45°C, Storage : -40°C ~ 70°C
Humidity	5 ~ 95%(non-condensing)
Input Power	
Removeable power Supply	AC 100 VAC to 240 VAC, 50/60 Hz (1+1 redundancy)
Dimension	
H x W x D	43.6 mm x 442 mm x 420 mm

### SFP Information

Model Name	Specification
SFP+10G-LR	10.31G, Single-mode, 10km, 1310nm, LC
SFP+10G-SR	10.31G, Multi-mode, 300m, 850nm, LC
QSFP+40G-LR	40Gbps QSFP+, SM, LC TYPE, 2KM, 1310nm
QSFP+40G-ER	40Gbps QSFP+, SM, LC TYPE, 10KM, 1550nm
QSFP+40G-SR	40Gbps QSFP+, MM, LC TYPE, 100M, 850nm
QSFP-100G-LR	100Gbps SFP, SM, LC TYPE, 2KM, 1310nm
QSFP-100G-LR10	100Gbps SFP, SM, LC TYPE, 10KM, 1550nm
QSFP-100G-SR	100Gbps SFP, MM, LC TYPE, 100M, 850nm