

S6700-64CQ 64-Port 400G Data Center Managed Ethernet Switch



- 64 * 40G/100G/400G Q SFP112 optical interfaces
- 2 * 10 G SFP+ optical interfaces
- Hardware level multiple protection ensures continuous operation of equipment and stable network without disconnection
- Multiple network management methods for simple and easy network maintenance
- High end chips with more stable and powerful performance
- Supports one-stop management on the Apollo cloud platform



Description

Overview

Adopts advanced hardware architecture with 64* 400GE ports



Working Humidity

10% ~ 90% RH non-condensing

Switch backplane bandwidth

51.2Tbps

Packet forwarding

38.095 Gpps

Dimensions (W × D × H)

440 ×420 ×88mm

switch port

● 64 x 400G QSFP112 optical ports

● 2 x 10G SFP+ optical ports

S6700-64CQ

64-PORT 400G DATA CENTER
MANAGED ETHERNET SWITCH



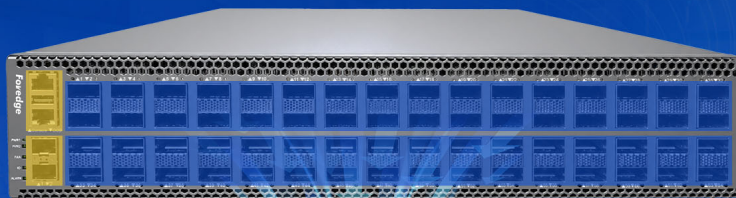
APPLICABLE SCENARIOS

It is the best choice for PoE networking in hotels, campuses, factory dormitories, and small and medium-sized enterprises.



HIGHLIGHT FEATURES

64*400G bps QSFP112 ports,
2*10G SFP+ optical ports.



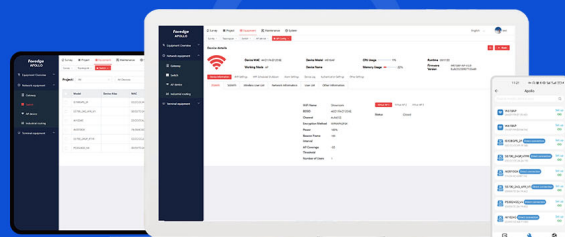
HIGH END CHIPS

- High end chips with more stable and powerful performance
- High end chips that can significantly improve network data processing speed

Fore-edge

APOLLO CLOUD SYSTEM MANAGEMENT PLATFORM

Supports one-stop management on the Apollo cloud platform.





Specifications

Items	S6700-64CQ Specification
Network Interface	● 64 x 400G QSFP112 optical ports ● 2 x 10G SFP+ optical ports ● 1 x Console port ● 1 x Out-of-band management port ● One USB port
Redundant Design	● Support 2 pluggable power, 1 + 1 backup mode ● Support 4 pluggable fans
Switching Capacity	● 51.2Tbps
Packets Forwarding	● 38.095 Gpps
RAM	● 16GB
SSD	● 256GB
Power Supplier	● AC: 90V~264V, rated voltage 100-127V or 200-240V ● High voltage DC: 180-300V, rated voltage 240V
Dimension	● WxDxH : 440 ×420 ×88mm

Environment	● Operating temperature : 0 °C~ 40 °C ● Storage temperature : -40°C — 70°C ● Operating humidity : 10% ~ 90% RH non condensing ● Storage humidity : 10% — 90% RH non condensing
Safety Regulations	● CE/ ROHS/ FCC

Items	S6700-64CQ Specification
Port	Support FEC Support Speed-400G Support MTU – 9212 Support Auto-neg
L2 Switching	Support Layer 2 VLAN Support FDB MAC Learn/Age Support Static LAG Support LACP: IEEE 802.3ad Support LAG Hash Support Storm Control Support LLDP Support RSTP Support RPVST Support MSTP Support BPDU Guard Support Root Guard Support Loop Guard Support BPDU Filter Support UDLD
L3 and Routing	Support Routed Port Support Routed PortChannel Support SVI Support ARP Support Sub-interface Support ECMP Support NAT Support IPV6 Neighbor Discovery Support IPV6 Route Advertisement Support BGP unnumbered Support Border Gateway Protocol

	Support (BGP) for IPv4 Border Gateway Protocol (BGP) for IPv6 Support BFD Support DHCP Relay Support Static Routes Support OSPF v2 Support OSPF v3 Support VRF Support Any Cast Gateway (SAG)
--	---

Items	S6700-64CQ Specification
Management	Support ZTP Support SNMPv2 Support SNMPv3 Support ISCLI (ONES FMCLI) Support Feature / Functionality Support SSH Support NTP Support Management VRF Support SYSLOG Support DHCP Client (MGMT) Support ACLS Support Sflow Support Telemetry (ONES Agent) Support ERSPAN Support AAA and TACACS+ Support Radius Support ACLs for IPV4 Support ACLs for IPV6 Support Management ACL Support CoPP
Traffic	Support CoPP Support ECN Support QOS Support WRED Support 802.1p mapping Support DSCP mapping

	Support Drop Counters
	Support Port Counters
	Support PFC
DCI	Support L2 VXLAN
	Support BGP EVPN (Type 2,3,5)
	Support L3 VXLAN

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

Additional information

Models	S6700-64CQ
Series	Data Center Series

Related products



S6700-32QF 32-Port 100G Data Center Managed Ethernet Switch



S6700-48TF-8QF-H 100G uplink 48 port 25G Data center switches



S6700-48YF-8QF-H 100G uplink 48-Port 25G Data Center Managed...



S6700-32CQ 32-Port 400G Data Center Managed Ethernet Switch