

# Starlink

## Enterprise Managed Switches

### introduction



# SC2112 series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support STP/RSTP/MSTP, ERPS ring network protocol and other loop protection protocols

## Support PoE power supply

- Support PoE/PoE+ power supply type
- Meet the requirements of wireless and monitoring scenarios.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3
- Support Telnet, SSH and other remote configuration methods.

## Product specification

| Specification   | SC2112-8G2S                                   | SC2112-8G2S-POE  | SC2112-24G4S                                   | SC2112-24G4S-POE  |
|---|---|--|--|---|
| Exchange capacity   | 20Gbps  | 20Gbps   | 56Gbps   | 56Gbps  |
| Packet forwarding rate                                      | 14.88Mpps                                     | 14.88Mpps  | 41.66Mpps                                      | 41.66Mpps   |
| Overall dimensions (L x W x H)                              | 266*160.8*44mm                                | 330*220*44mm   | 440*260*44mm                                   | 440*260*44mm  |
| Weight  | ≤1.0kg  | ≤3.0kg   | ≤5.0kg   | ≤5.0kg  |
| Console port  | 1 RJ45 console                                | 1 RJ45 console   | 1 RJ45 console                                 | 1 RJ45 console  |
| Ethernet port for management                                | None  | None   | None   | None  |
| USB port  | None  | None   | None   | None  |
| Description of service ports                                | 8 × 100/1000Base-T ports<br>2 × 1GE SFP ports | 8 × 100/1000Base-T ports (support POE+)<br>2 × 1GE SFP ports | 24 × 100/1000Base-T ports<br>4 × 1GE SFP ports | 24 × 100/1000Base-T ports (support POE+)<br>4 × 1GE SFP ports |
| Input voltage   | AC:100~240Vac, 50/60Hz                        | DC:54Vdc   | AC:100~240Vac<br>DC:24~48Vdc                   | AC:100~240Vac, 50/60Hz  |
| Power consumption (full load)                               | 12W   | 132W(including PoE 120W)                                     | 30W  | 400W(including PoE 370W)                                      |
| Operating environmental temperature                         | -5~45 °C                                      | -5~45 °C   | -5~45 °C                                       | -5~45 °C  |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)                     | 5%~95%RH(no condensation)                                    | 5%~95%RH(no condensation)                      | 5%~95%RH(no condensation)                                     |

# SC3313 series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC3313-48G6XS                                    | SC3313-48G6XS-POE   |
|---|--|---|
| Exchange capacity   | 216Gbps  | 216Gbps   |
| Packet forwarding rate                                      | 160.7Mpps  | 160.7Mpps   |
| Overall dimensions (L x W x H)                              | 440*320*44mm                                     | 440*320*44mm  |
| Weight  | ≤6.0kg   | ≤6.0kg  |
| Console port  | 1 RJ45 console                                   | 1 RJ45 console  |
| Ethernet port for management                                | None   | None  |
| USB port  | 1 usb2.0 port                                    | 1 usb2.0 port   |
| Description of service ports                                | 48 × 100/1000Base-T ports<br>6 × 10GE SFP+ ports | 48 × 100/1000Base-T ports (support POE+)<br>6 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz                           | AC:100~240Vac, 50/60Hz  |
| Power consumption (static)                                  | 20W  | 25W   |
| Power consumption (full load)                               | 40W  | 835W (including PoE 790W)                                       |
| Operating environmental temperature                         | -5~45°C  | -5~45°C   |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)                        | 5%~95%RH(no condensation)                                       |

# SC3321 series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC3321-48S4XS                                   | SC3321-48G6XS                                    | SC3321-28G8XS                                    | SC3321-28S8XS   |
|---|---|--|--|---|
| Exchange capacity   | 176Gbps   | 672Gbps/6.72Tbps                                 | 216Gbps  | 216Gbps   |
| Packet forwarding rate                                      | 130.9Mpps                                       | 207Mpps/280Mpps                                  | 160.7Mpps  | 160.7Mpps   |
| Overall dimensions (L x W x H)                              | 440*360*44mm                                    | 440*260*44mm                                     | 440*260*44mm                                     | 440*260*44mm  |
| Weight  | ≤4kg  | ≤4kg   | ≤4kg   | ≤4kg  |
| Console port  | 1 RJ45 console                                  | 1 RJ45 console                                   | 1 RJ45 console                                   | 1 RJ45 console  |
| Ethernet port for management                                | 1 Gigabit management network port               | 1 Gigabit management network port                | 1 Gigabit management network port                | 1 Gigabit management network port   |
| USB port  | 1 usb2.0 port                                   | 1 usb2.0 port                                    | 1 usb2.0 port                                    | 1 usb2.0 port   |
| Description of service ports                                | 48 × 1GE SFP ports<br>4 × 10GE SFP+ ports       | 48 × 100/1000Base-T ports<br>6 × 10GE SFP+ ports | 28 × 100/1000Base-T ports<br>8 × 10GE SFP+ ports | 28 × 1GE SFP ports (4 × 100/100Base-T ports Combo)<br>8 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:-48~-60Vdc         | AC:100~240Vac,50/60Hz                            | AC:100~240Vac,50/60Hz                            | AC:100~240Vac,50/60Hz   |
| Power consumption (static)                                  | AC power supply:27.5W<br>DC power supply:36.1W  | Single AC:26.3W<br>Double AC:27.0W               | Single AC:21.8W<br>Double AC:22.6W               | Single AC:23.8W<br>Double AC:24.6W  |
| Power consumption (full load)                               | AC power supply:74.4W<br>DC power supply:114.5W | Single AC:59.7W<br>Double AC:60.1W               | Single AC:46.1W<br>Double AC:46.3W               | Single AC:63.0W<br>Double AC:62.5W  |
| Operating environmental temperature                         | -5~50°C   | -5~50°C  | -5~50°C  | -5~50°C   |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)                       | 5%~95%RH(no condensation)                        | 5%~95%RH(no condensation)                        | 5%~95%RH(no condensation)   |

# SC3321-POE series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3.

## Product specification

| Specification   | SC3321-48G6XS-POE   | SC3321-28G8XS-POE   |
|---|---|---|
| Exchange capacity   | 216Gbps   | 216Gbps   |
| Packet forwarding rate                                      | 160.7Mpps   | 160.7Mpps   |
| Overall dimensions (L x W x H)                              | 440*320*44mm  | 440*320*44mm  |
| Weight  | ≤4kg  | ≤4kg  |
| Console port  | 1 RJ45 console  | 1 RJ45 console  |
| Ethernet port for management                                | 1 Gigabit management network port                               | 1 Gigabit management network port                               |
| USB port  | 1 usb2.0 port   | 1 usb2.0 port   |
| Description of service ports                                | 48 × 100/1000Base-T ports (support POE+)<br>6 × 10GE SFP+ ports | 28 × 100/1000Base-T ports (support POE+)<br>8 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz  | AC:100~240Vac, 50/60Hz  |
| Power consumption (static)                                  | Single AC: 34.8W  | Single AC:27.5W   |
| Power consumption (full load)                               | Single AC:497.4W (including PoE 370W)                           | Single AC:476.5W (including PoE 370W)                           |
| Operating environmental temperature                         | -5~50°C   | -5~50°C   |
| Relative humidity of operating environment (non-condensing) | 5~95%RH(no condensation)  | 5~95%RH(no condensation)  |

# SC3321-HI series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC3321-48G6XS-HI                                 | SC3321-28G8XS-HI                                 | SC3321-28S8XS-HI  |
|---|--|--|---|
| Exchange capacity   | 216Gbps  | 216Gbps  | 216Gbps   |
| Packet forwarding rate                                      | 160.7Mpps  | 160.7Mpps  | 160.7Mpps   |
| Overall dimensions (L x W x H)                              | 440*360*44mm                                     | 440*360*44mm                                     | 440*360*44mm  |
| Weight  | ≤5kg   | ≤5kg   | ≤5kg  |
| Console port  | 1 RJ45 console                                   | 1 RJ45 console                                   | 1 RJ45 console  |
| Ethernet port for management                                | 1 Gigabit management network port                | 1 Gigabit management network port                | 1 Gigabit management network port   |
| USB port  | 1 usb2.0 port                                    | 1 usb2.0 port                                    | 1 usb2.0 port   |
| Description of service ports                                | 48 × 100/1000Base-T ports<br>6 × 10GE SFP+ ports | 28 × 100/1000Base-T ports<br>8 × 10GE SFP+ ports | 28 × 1GE SFP ports (4 × 100/100Base-T ports Combo)<br>8 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac,50/60Hz                            | AC:100~240Vac,50/60Hz                            | AC:100~240Vac,50/60Hz   |
| Power consumption (static)                                  | Single AC:26.3W<br>Double AC:27.0W               | Single AC:21.8W<br>Double AC:22.6W               | Single AC:23.8W<br>Double AC:24.6W  |
| Power consumption (full load)                               | Single AC:59.7W<br>Double AC:60.1W               | Single AC:46.1W<br>Double AC:46.3W               | Single AC:63.0W<br>Double AC:62.5W  |
| power   | Pluggable dual power supply                      | Pluggable dual power supply                      | Pluggable dual power supply   |
| Operating environmental temperature                         | -5~50°C  | -5~50°C  | -5~50°C   |
| Relative humidity of operating environment (non-condensing) | 5~95%RH(no condensation)                         | 5~95%RH(no condensation)                         | 5~95%RH(no condensation)  |

# SC3321-POE-HI series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC3321-48G6XS-POE-HI   | SC3321-28G8XS-POE-HI   |
|---|--|--|
| Exchange capacity   | 216Gbps  | 216Gbps  |
| Packet forwarding rate                                      | 160.7Mpps  | 160.7Mpps  |
| Overall dimensions (L x W x H)                              | 440*400*44mm   | 440*400*44mm   |
| Weight  | ≤5.5kg   | ≤5.5kg   |
| Console port  | 1 RJ45 console   | 1 RJ45 console   |
| Ethernet port for management                                | 1 Gigabit management network port                              | 1 Gigabit management network port                              |
| USB port  | 1 usb2.0 port  | 1 usb2.0 port  |
| Description of service ports                                | 48 × 100/1000Base-T ports(support PoE+)<br>6 × 10GE SFP+ ports | 28 × 100/1000Base-T ports(support PoE+)<br>8 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac,50/60Hz  | AC:100~240Vac,50/60Hz  |
| Power consumption (static)                                  | Single AC:34.8W  | Single AC:27.5W  |
| Power consumption (full load)                               | Single AC:1500W (including PoE 1400W)                          | Single AC:820W (including PoE 720W)                            |
| power   | Pluggable dual power supply                                    | Pluggable dual power supply                                    |
| Operating environmental temperature                         | -5~50°C  | -5~50°C  |
| Relative humidity of operating environment (non-condensing) | 5~95%RH(no condensation)                                       | 5~95%RH(no condensation)                                       |

# SC2331 series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC2331-24G4S                                     | SC2331-48G4S                                     |
|---|--|--|
| Exchange capacity   | 56Gbps   | 104Gbps  |
| Packet forwarding rate                                      | 41.6Mpps   | 77.3Mpps   |
| Overall dimensions (L × W × H)                              | 440*160*44mm                                     | 440*260*44mm                                     |
| Weight  | ≤4kg   | ≤4kg   |
| Console port  | 1 RJ45 console                                   | 1 RJ45 console                                   |
| Ethernet port for management                                | 1 Gigabit management network port                | 1 Gigabit management network port                |
| USB port  | 1 usb2.0 port                                    | 1 usb2.0 port                                    |
| Description of service ports                                | 24 × 100/1000Base-T ports<br>4 × 10GE SFP+ ports | 48 × 100/1000Base-T ports<br>4 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc          | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc          |
| Power consumption (static)                                  | 12W  | 12W  |
| Power consumption (full load)                               | 30W  | 50W  |
| Operating environmental temperature                         | -5~50°C  | -5~50°C  |
| Relative humidity of operating environment (non-condensing) | 5~95%RH(no condensation)                         | 5~95%RH(no condensation)                         |

# SC3331 series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

## Product specification

| Specification   | SC3331-16G4XS                                    | SC3331-24G4XS                                    | SC3331-48G4XS                                    |
|---|--|--|--|
| Exchange capacity   | 112Gbps  | 128Gbps  | 176Gbps  |
| Packet forwarding rate                                      | 83.3Mpps   | 95.2Mpps   | 130.9Mpps  |
| Overall dimensions (L × W × H)                              | 440*160*44mm                                     | 440*160*44mm                                     | 440*260*44mm                                     |
| Weight  | ≤4kg   | ≤4kg   | ≤4kg   |
| Console port  | 1 RJ45 console                                   | 1 RJ45 console                                   | 1 RJ45 console                                   |
| Ethernet port for management                                | 1 Gigabit management network port                | 1 Gigabit management network port                | 1 Gigabit management network port                |
| USB port  | 1 usb2.0 port                                    | 1 usb2.0 port                                    | 1 usb2.0 port                                    |
| Description of service ports                                | 16 × 100/1000Base-T ports<br>4 × 10GE SFP+ ports | 24 × 100/1000Base-T ports<br>4 × 10GE SFP+ ports | 48 × 100/1000Base-T ports<br>4 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc          | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc          | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc          |
| Power consumption (static)                                  | 12W  | 12W  | 20W  |
| Power consumption (full load)                               | 27W  | 31W  | 50W  |
| Operating environmental temperature                         | -5~50°C  | -5~50°C  | -5~50°C  |
| Relative humidity of operating environment (non-condensing) | 5~95%RH(no condensation)                         | 5~95%RH(no condensation)                         | 5~95%RH(no condensation)                         |

# SC3331-POE series campus switches



## Rich communication protocols

- Integrate rich Ethernet communication protocols such as switching, routing, ring network protection and security.
- Support 802.1Q VLAN and 802.3x flow control protocols.
- Support loop protection protocols such as STP/RSTP/MSTP and loopback-detection.

## Complete protection design

- Support a variety of link-level reliability guarantee technologies, as well as rapid ring network protection protocols such as ERPS, which can effectively guarantee the normal development of services.
- Support MLAG distributed cross-device aggregation, and bundle ports of different devices into a virtual logical port, which is more flexible and stable than the stacking scheme.

## Excellent management mechanism

- Support Console local configuration mode.
- Support Telnet, SSH and other remote configuration methods.
- Support SNMP V1, V2 and V3

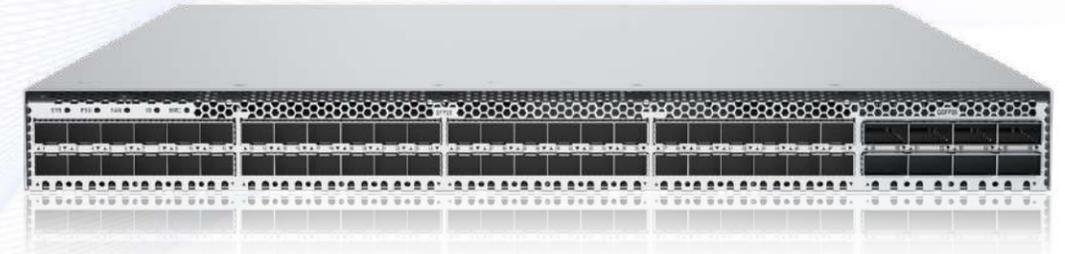
## Product specification

| Specification   | SC3331-24G4XS-POE   | SC3331-48G4XS-POE   |
|---|---|---|
| Exchange capacity   | 128Gbps   | 176Gbps   |
| Packet forwarding rate                                      | 95.2Mpps  | 130.9Mpps   |
| Overall dimensions (L x W x H)                              | 440*260*44mm  | 440*260*44mm  |
| Weight  | ≤4kg  | ≤4kg  |
| Console port  | 1 RJ45 console  | 1 RJ45 console  |
| Ethernet port for management                                | 1 Gigabit management network port                               | 1 Gigabit management network port                               |
| USB port  | 1 usb2.0 port   | 1 usb2.0 port   |
| Description of service ports                                | 24 × 100/1000Base-T ports (support POE+)<br>4 × 10GE SFP+ ports | 48 × 100/1000Base-T ports (support POE+)<br>4 × 10GE SFP+ ports |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc                         | AC:100~240Vac, 50/60Hz<br>DC:190~290Vdc                         |
| Power consumption (full load)                               | 290.8W (including PoE 250W)                                     | 462.4W (including PoE 400W)                                     |
| Operating environmental temperature                         | -5~50°C   | -5~50°C   |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)                                       | 5%~95%RH(no condensation)                                       |





## SD6881 series switches in data center



### Mature and reliable

- Choose mature chips from international mainstream manufacturers, with high reliability
- 4+1 redundancy design, front and rear air duct design

### Support lossless network characteristics

- Support the lossless Ethernet characteristics such as PFC and ECN of RDMA
- Support PFC deadlock detection
- Support congestion avoidance mechanisms such as WRED and tail drop

### Support data center characteristics

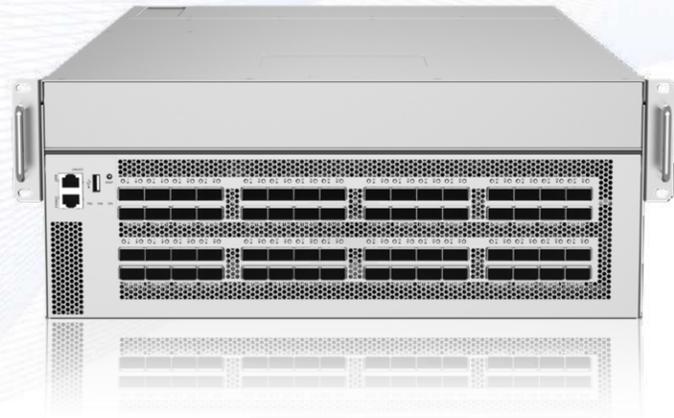
- Support Mclag
- Support vxlan

### Product specification

| Specification   | SD6881-48XS8H                           | SD6881-48Y8H                            | SD6881-32H                        |
|---|---|---|-----------------------------------|
| Exchange capacity   | 2.56Tbps                                | 4.0Tbps                                 | 6.4Tbps                           |
| Packet forwarding rate                                      | 1920Mpps                                | 3000Mpps                                | 4800Mpps                          |
| Overall dimensions (L × W × H)                              | 442*550*44mm                            | 442*550*44mm                            | 442*550*44mm                      |
| Weight  | <15kg                                   | <15kg                                   | <15kg                             |
| Console port  | 1 RJ45 console                          | 1 RJ45 console                          | 1 RJ45 console                    |
| Ethernet port for management                                | 1 Gigabit management network port       | 1 Gigabit management network port       | 1 Gigabit management network port |
| USB port  | 1 usb2.0 port                           | 1 usb2.0 port                           | 1 usb2.0 port                     |
| Description of service ports                                | 48 × 10GE ports<br>8 × 100G ports       | 48×25G ports<br>8 × 100G ports          | 32 × 100G ports                   |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:100~370Vdc | AC:100~240Vac, 50/60Hz<br>DC:100~370Vdc | AC:100~240Vac, 50/60Hz            |
| Power consumption (static)                                  | <200W                                   | <200W                                   | <200W                             |
| Power consumption (full load)                               | <550W                                   | <550W                                   | <550W                             |
| Operating environmental temperature                         | 0~40°C                                  | 0~40°C                                  | 0~40°C                            |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)               | 5%~95%RH(no condensation)               | 5%~95%RH(no condensation)         |



# SD8881/8882 series switches in data center



## High performance and high reliability design

- High density 400 G switch, port line speed
- n + 1 redundancy design of fan power supply
- Design of independent air duct for power supply

## Support lossless network characteristics

- Support the lossless Ethernet characteristics such as PFC and ECN of RDMA
- Support PFC deadlock detection
- Support congestion avoidance mechanisms such as WRED and tail drop

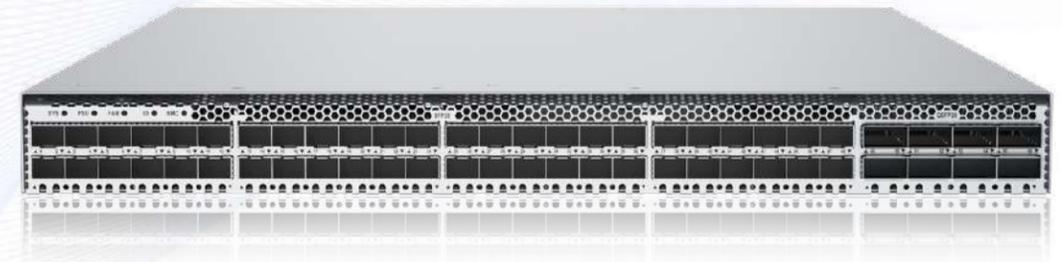
## Support data center characteristics

- Support Mclag
- Support vxlan

### Product specification

| Specification   | SD8881-48H8D                            | SD8882-8C                              | SD8882-64D                             |
|---|---|--|--|
| Exchange capacity   | 16.0Tbps                                | 25.6Tbps                               | 51.2Tbps                               |
| Packet forwarding rate                                      | 12000Mpps                               | 19200Mpps                              | 38400Mpps                              |
| Overall dimensions (L × W × H)                              | 442*550*44mm                            | 442*800*175mm                          | 442*760*175mm                          |
| Weight  | <15kg                                   | <60kg                                  | <60kg                                  |
| Console port  | 1 RJ45 console                          | 1 RJ45 console                         | 1 RJ45 console                         |
| Ethernet port for management                                | 1 Gigabit management network port       | 1 Gigabit management network port      | 1 Gigabit management network port      |
| USB port  | 1 usb2.0 port                           | 1 usb2.0 port                          | 1 usb2.0 port                          |
| Description of service ports                                | 48 × 100G ports<br>8×400G ports         | 8 slot                                 | 64 × 400G ports                        |
| Input voltage   | AC:100~240Vac, 50/60Hz<br>DC:100~370Vdc | AC:100~240Vac,50/60Hz<br>DC:100~370Vdc | AC:100~240Vac,50/60Hz<br>DC:100~370Vdc |
| Power consumption (static)                                  | <250W                                   | <350W                                  | <350W                                  |
| Power consumption (full load)                               | <1300W                                  | <2600W                                 | <2600W                                 |
| Operating environmental temperature                         | 0~40°C                                  | 0~40°C                                 | 0~40°C                                 |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)               | 5%~95%RH(no condensation)              | 5%~95%RH(no condensation)              |

# SD6721 series switches in data center



## Mature and reliable

- Choose mature chips from domestic mainstream manufacturers, with high reliability
- 4+1 redundancy design, front and rear air duct design

## Support lossless network characteristics

- Support the lossless Ethernet characteristics such as PFC and ECN of RDMA
- Support PFC deadlock detection
- Support congestion avoidance mechanisms such as WRED and tail drop

## Support data center characteristics

- Support Mclag
- Support vxlan

### Product specification

| Specification   | SD6721-48XS8H                          | SD6721-48Y8H                           |
|---|--|--|
| Exchange capacity   | 2.56Tbps                               | 4.0Tbps                                |
| Packet forwarding rate                                      | 1920Mpps                               | 3000Mpps                               |
| Overall dimensions (L × W × H)                              | 442*550*44mm                           | 442*550*44mm                           |
| Weight  | <15kg                                  | <15kg                                  |
| Console port  | 1 RJ45 console                         | 1 RJ45 console                         |
| Ethernet port for management                                | 1 Gigabit management network port      | 1 Gigabit management network port      |
| USB port  | 1 usb2.0 port                          | 1 usb2.0 port                          |
| Description of service ports                                | 48 × 10GE ports<br>8 × 100G ports      | 48 × 25G ports<br>8 × 100G ports       |
| Input voltage   | AC:100~240Vac,50/60Hz<br>DC:100~370Vdc | AC:100~240Vac,50/60Hz<br>DC:100~370Vdc |
| Power consumption (static)                                  | <200W                                  | <200W                                  |
| Power consumption (full load)                               | <550W                                  | <550W                                  |
| Operating environmental temperature                         | 0~40°C                                 | 0~40°C                                 |
| Relative humidity of operating environment (non-condensing) | 5%~95%RH(no condensation)              | 5%~95%RH(no condensation)              |