

[Huawei eKit SME Network Training]

# New Products 2024 July



# List of New eKit SME Network Products in May & June 2024

| Category         | Product Model                          | Product Positioning                                                                                 | Keyword                                                | GTM Time         |
|------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------|
| <b>WLAN</b>      | AC650-512AP                            | WAC with a larger AP management capacity                                                            | Managing 512 APs                                       | End of June/July |
| <b>Switch</b>    | S220-8T4S (non PoE)<br>S220-8P4S (PoE) | L2, 8-port GE switch                                                                                | 8-port, L2                                             | End of May       |
|                  | S310-24PN4X                            | L2+, 24-port 2.5GE switch                                                                           | 2.5GE port                                             | End of May       |
|                  | S310-24ST4X                            | L2+, hybrid optical-electrical GE core switch                                                       | optical ports                                          | End of May       |
|                  | S530-24T4XE                            | L3, 24-port GE core switch                                                                          | L3, fully-managed core switch,<br>dedicated stack port | End of June      |
|                  | S530-24ST4XE                           | L3, 24-port GE hybrid optical-electrical core switch                                                |                                                        |                  |
|                  | S530-48S4XE                            | L3, 48-port GE all-optical core switch                                                              |                                                        |                  |
| <b>AR router</b> | AR303                                  | Cost-effective converged gateway (routing + switching + security; supporting 200 connected devices) | VPN, online behavior management, URL filtering         | End of May       |

# AC650-512AP: Managing More APs Locally

## AC650-512AP



School campus

+



SME

+



Hotel

...

**512 APs managed, 4096 users, 12 Gbps forwarding performance**

| Parameter                   | Specifications                                     |
|-----------------------------|----------------------------------------------------|
| Port                        | 2 x 10GE SFP+ ports, 10 x GE RJ45 ports            |
| Forwarding performance      | 12 Gbps                                            |
| Number of APs managed       | 512                                                |
| Max. number of access users | 4096                                               |
| Protection mode             | 1+1 HSB in active/standby and load balancing modes |
| Fan                         | No fan                                             |
| Dimensions (W x D x H)      | 250 mm x 210 mm x 43.6 mm                          |

# HUAWEI eKit SME Network Product Portfolio

## Network egress



S380



AR300



AR700

Excellent performance

## Network core/aggregation



S310



S530

Enhanced stacking for better network stability

## Network access



S110



S220

- Perpetual PoE and fast PoE
- Identifies 100+ non-standard terminals in seconds

## Wi-Fi coverage



Ceiling-mounted AP  
AP661/362/361



Wall plate AP  
AP263/160

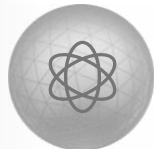


Outdoor AP  
AP761



Ceiling-mounted AP  
AP371

Smart antennas for 20% wider coverage range



### Comprehensive products

A wide array of products and innovative technologies, improving network experience



### Easy to use and maintain

Deployment and O&M of all devices on the network via HUAWEI eKit App, facilitating quick start



### High quality

Passed rigorous tests (66 sub-items in 8 categories), with a failure rate of only 1/3 that of the industry average

# S310-24PN4X: L2+, Fully-Managed, 24-Port 2.5GE PoE Switch, Born for High-Bandwidth Wireless Upgrade

## Overview

### L2+, fully-managed, 24-port 2.5GE switch

- GTM on May 31, 2024
- Global GTM

### S310-24PN4X



24 x 2.5GE  
RJ45 ports

4 x 10GE  
SFP+ ports

### Applicable scenarios

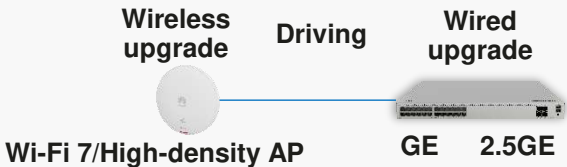
- Access switch for high-bandwidth wireless coverage scenarios, such as scenarios where Wi-Fi 7 APs or high-density APs are used

## Specifications

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Port                            | 24 x 2.5GE RJ45 ports,<br>4 x 10GE SFP+ ports |
| Packet forwarding rate          | 144 Mpps                                      |
| Switching capacity              | 200 Gbps                                      |
| Power supply                    | Built-in AC power module                      |
| PoE                             | 400 W, PoE+                                   |
| Long-term operating temperature | -5°C to +50°C                                 |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP            |
| Routing                         | Static routing                                |

## Highlights

### 1 High-density 2.5GE PoE ports, meeting the growing demands for wireless bandwidth



High-density 2.5GE ports are required to meet the strong demand for wireless bandwidth upgrade.

### 2 Fully-managed, catering to diverse management and O&M needs

- Mobile app/Cloud-based web: remote O&M scenario
- Local web: scenario incapable of cloud-based remote O&M
- CLI: senior engineer-based complex function configuration scenario
- SNMP: professional NMS-based large network O&M scenario

### 3 High reliability, ensuring stable networks

|                              | S310 VS             | Industry           |
|------------------------------|---------------------|--------------------|
| Operating temperature        | -5°C to +50°C       | 0/-5°C to +40°C    |
| Stack networking             | Supported (via CLI) | Not supported      |
| Loop protection and recovery | 50 ms (MSTP/ERPS)   | Seconds (STP/RSTP) |

Ethernet ring protection switching)



# Production Comparison of S310-24PN4X 2.5GE Switch

| Specifications                  | S310-24PN4X                                   | USW-Enterprise-24-POE                                              | USW-Pro Max 24 PoE                                                  |
|---------------------------------|-----------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|
| Port                            | 24 x 2.5GE RJ45 ports, 4 x 10GE SFP+ ports    | 12 x GE RJ45 ports<br>12 x 2.5GE RJ45 ports<br>2 x 10GE SFP+ ports | 16 x GE RJ45 ports<br>8 x 1/2.5GE RJ45 ports<br>2 x 10GE SFP+ ports |
| Packet forwarding rate          | 144 Mpps                                      | 92.25 Mpps                                                         | Not claimed                                                         |
| Switching capacity              | 200 Gbps                                      | 124 Gbps                                                           | 112 Gbps                                                            |
| Power supply                    | Built-in AC power module                      | AC/DC, internal<br>DC power backup ready                           | AC/DC, internal, 50 W<br>DC power backup ready                      |
| PoE                             | 400 W, PoE+                                   | 400 W, PoE+                                                        | 400 W, PoE+<br>(8) PoE/PoE+<br>(16) 60 W PoE++                      |
| Long-term operating temperature | -5°C to +50°C                                 | -5°C to +40°C                                                      | -5°C to +40°C                                                       |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment | Not claimed                                                        | Not claimed                                                         |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP            | Local web, cloud management                                        | Local web, cloud management                                         |
| Reliability                     | iStack (via CLI)                              | Not supported                                                      | Not supported                                                       |
| MSTP/ERPS                       | Supported (via CLI)                           | Not supported                                                      | Not supported                                                       |
| IPv6                            | Supported                                     | Not supported                                                      | Not supported                                                       |
| IPv6 Layer 2 multicast          | Supported                                     | Not supported                                                      | Not supported                                                       |

## Advantages:

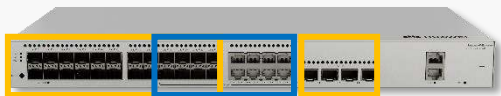
- More 2.5GE and 10GE ports, higher packet forwarding rate, and larger switching capacity.
- Better in management modes, IPv6, stacking (via CLI), and MSTP/ERPS (via CLI)

# S310-24ST4X: L2+, Hybrid Optical-Electrical GE Core Switch, Best Suited for Flexible Networking and Reduced Investment

## Overview

### L2+, hybrid optical-electrical GE core switch

- GTM on May 31, 2024
- Global GTM



24 x GE SFP ports      8 x combo ports      4 x 10GE SFP+ ports

### Applicable scenarios

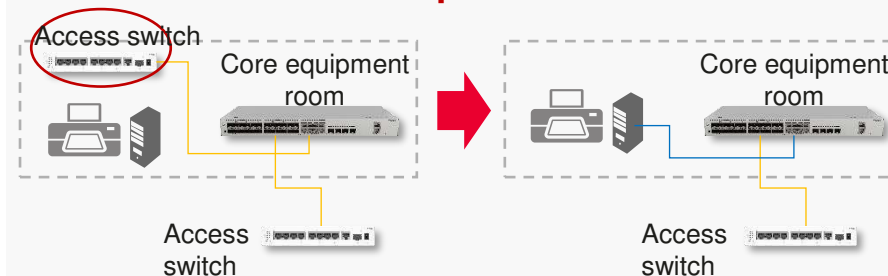
- Core switch for SME workplaces, primary & secondary education, community hospitals, etc.

## Specifications

|                                 |                                                                                                                                |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Port                            | <ul style="list-style-type: none"><li>• 24 x GE SFP ports (8 of which are combo ports)</li><li>• 4 x 10GE SFP+ ports</li></ul> |
| Packet forwarding rate          | 96 Mpps                                                                                                                        |
| Switching capacity              | 128 Gbps                                                                                                                       |
| Power supply                    | Built-in AC power module                                                                                                       |
| Maximum power consumption       | 41.7 W                                                                                                                         |
| Long-term operating temperature | -5°C to +50°C                                                                                                                  |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment                                                                                  |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP                                                                                             |
| Routing                         | Static routing                                                                                                                 |

## Highlights

### 1 Hybrid optical-electrical ports, one less access switch required



### 2 Fully-managed, catering to diverse management and O&M needs

- Mobile app/Cloud-based web: remote O&M scenario
- Local web: scenario incapable of cloud-based remote O&M
- CLI: senior engineer-based complex function configuration scenario
- SNMP: professional NMS-based large network O&M scenario

### 3 High reliability, ensuring stable networks

|                              | S310 VS             | Industry           |
|------------------------------|---------------------|--------------------|
| Operating temperature        | -5°C to +50°C       | 0/-5°C to +40°C    |
| Stack networking             | Supported (via CLI) | Not supported      |
| Loop protection and recovery | 50 ms (MSTP/ERPS)   | Seconds (STP/RSTP) |

# Production Comparison of S310-24ST4X Switch

| Specifications                  | S310-24ST4X                                                         | RG-NBS5200-24SFP/8GT4XS                                    |
|---------------------------------|---------------------------------------------------------------------|------------------------------------------------------------|
| Port                            | 24 x GE SFP ports (8 of which are combo ports), 4 x 10GE SFP+ ports | 16 x GE SFP ports, 8 x GE combo ports, 4 x 10GE SFP+ ports |
| Packet forwarding rate          | 96 Mpps                                                             | 96 Mbps                                                    |
| Switching capacity              | 128 Gbps                                                            | 128 Gbps                                                   |
| Power supply                    | Built-in AC power module                                            | Built-in AC power module                                   |
| Long-term operating temperature | -5°C to +50°C                                                       | 0°C to 50°C                                                |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment                       | Not claimed                                                |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP                                  | Local web, cloud management                                |
| Reliability                     | iStack (via CLI)                                                    | Not supported                                              |
| MSTP/ERPS                       | Supported (via CLI)                                                 | Not supported                                              |
| IPv6                            | Supported                                                           | Weak support                                               |
| IPv6 Layer 2 multicast          | Supported                                                           | Not supported                                              |

- S310-24ST4X is an **all-optical L2+ switch**, while UB and Aruba do not have similar switches.



# S220-8T4S/8P4S: L2, 8-Port GE Switch with Rich Service Features & Management Modes

## Overview

### L2, 8-port GE switch

- GTM on May 31, 2024
- Global GTM

### S220-8P4S



8 x GE RJ45 ports      4 x GE SFP ports

### S220-8T4S



8 x GE RJ45 ports      4 x GE SFP ports

### Applicable scenarios

- Access switch (used to connect downstream APs and cameras) for small office, commercial stores, community hospitals, etc.

## Specifications

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Port                            | 8 x GE RJ45 ports, 4 x GE SFP ports           |
| Packet forwarding rate          | 18 Mpps                                       |
| Switching capacity              | 24 Gbps                                       |
| Power supply                    | Built-in AC power module                      |
| Maximum power consumption       | 21.52 W                                       |
| Long-term operating temperature | -5°C to +50°C                                 |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP            |

## Highlights

1

### Abundant service features

- Loop protection: STP/RSTP/MSTP/ERPS
- Authentication: (port-based) 802.1X and MAC address authentications; VLAN/QoS/ACL
- Prevention of unauthorized access: DHCP snooping
- Defense against DoS attack, DHCP spoofing, IP/MAC spoofing, etc.

2

### Fully-managed, catering to diverse management and O&M needs

- Mobile app/Cloud-based web: remote O&M scenario
- Local web: scenario incapable of cloud-based remote O&M
- CLI: senior engineer-based complex function configuration scenario
- SNMP: professional NMS-based large network O&M scenario

3

### Fast PoE + perpetual PoE, improving service reliability

- Fast PoE: PoE power supply to PDs within 10 seconds after switch power-on (vs. 1–3 min in the industry)
- Perpetual PoE: uninterrupted PoE even upon switch reboot (such as software upgrade)

# Production Comparison of S220-8T4S/8P4S

| Specifications                  | S220-8P4S                                     | UB USW-Ultra+210W adapter                                              | UB US-8-150W (130 W)                | Aruba 1830 8G 4p Class4 PoE 65W                   | S220-8T4S                                     | Aruba 1830 8G                                     |
|---------------------------------|-----------------------------------------------|------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| Port                            | 8 x GE RJ45 ports, 4 x GE SFP ports           | 8 x GE RJ45 ports                                                      | 8 x GE PoE+ ports, 2 x GE SFP ports | 8 x GE RJ45 ports (four PoE+ ports)               | 8 x GE RJ45 ports, 4 x GE SFP ports           | 8 x GE RJ45 ports                                 |
| Packet forwarding rate          | 18 Mpps                                       | Not claimed                                                            | 14.88 Mpps                          | 11.90 Mpps                                        | 18 Mpps                                       | 11.90 Mpps                                        |
| Switching capacity              | 24 Gbps                                       | 16 Gbps                                                                | 20 Gbps                             | 16 Gbps                                           | 24 Gbps                                       | 16 Gbps                                           |
| Power supply                    | Built-in AC power module                      | External, 54 V, 3.9 A power adapter (included) PoE++                   | AC/DC, internal, 150 W              | External power adapter (included)                 | Built-in AC power module                      | Internal AC power supply                          |
| PoE                             | 125 W, PoE+                                   | 202 W<br>7 ports with PoE/PoE+<br>1 GE port with optional PoE++ input* | 130 W                               | 65 W Class 4 PoE                                  | -                                             | 13 W max Class 3 PD                               |
| Long-term operating temperature | -5°C to +50°C                                 | PoE++ input: -30°C to +60°C<br>210 W AC adapter input: -20°C to +60°C  | -5° C to 45° C                      | 0°C to 40°C                                       | -5°C to +50°C                                 | 0°C to 40°C                                       |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment | Not claimed                                                            | Fanless                             | Fanless                                           | Air cooling, intelligent fan speed adjustment | Fanless                                           |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP            | Ethernet In-Band                                                       | hernet In-Band Et                   | Aruba Instant On Cloud; Web browser; SNMP Manager | Local web, SNC/eKit app, CLI, SNMP            | Aruba Instant On Cloud; Web browser; SNMP Manager |
| MSTP/ERPS                       | Supported (via CLI)                           | Not supported                                                          | Not supported                       | Not supported                                     | Supported (via CLI)                           | Not supported                                     |

## Advantages:

- More ports and higher forwarding performance
- Better in management modes and MSTP/ERPS (via CLI)

# AR303: A Converged Gateway (Supporting 200 Connected Devices), All-in-One & Cost-Effective

## Overview

### A converged gateway

- GTM on May 31, 2024
- Global GTM

## AR303



4 x GE RJ45 ports      1 x GE combo port

### Applicable scenarios

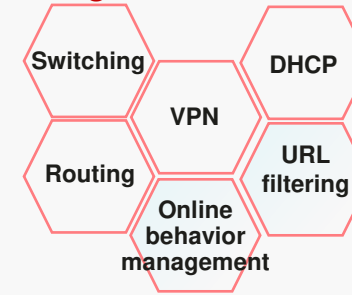
- Small & micro space scenarios, such as commercial stores, small and micro offices, and commercial real estate

## Specifications

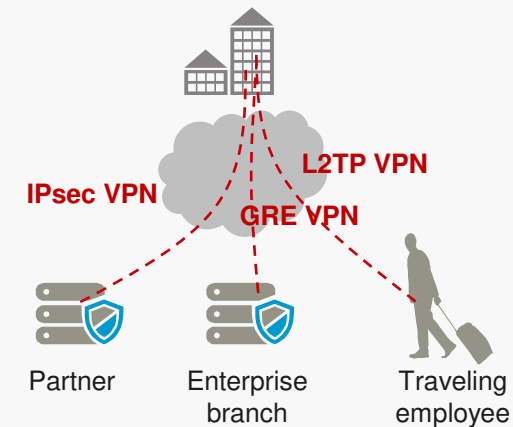
|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Connected device capacity | 200                                                                     |
| Forwarding bandwidth      | 1 Gbps                                                                  |
| Forwarding performance    | 1 Mpps                                                                  |
| Port                      | 1 x GE combo port, 4 x GE ports                                         |
| Heat dissipation          | Fanless                                                                 |
| VPN                       | IPsec VPN, GRE VPN, DSVPN, L2TP VPN, L2TPv3VPN                          |
| IPsec VPN                 | 75                                                                      |
| Security function         | Zone-based stateful firewall, online behavior management, URL filtering |
| IPv4                      | Static routing, policy-based routing (PBR), RIP, OSPF, IS-IS, BGP       |
| IPv6                      | Static routing, PBR, RIPng, OSPFv3, IS-ISv6, BGP4+                      |
| Management mode           | Local web, SNC/eKit app, CLI, SNMP                                      |

## Highlights

- 1 **Hyper-convergence: 1 device for 1 network, reducing investment**



- 2 **Abundant VPN functions, catering to various service scenarios**



# Production Comparison of AR303

| Specifications            | AR303                                                             | C921-4P                                                                                   | Cloud Gateway Ultra                                |
|---------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|
| Connected device capacity | 200                                                               | 50                                                                                        | 300                                                |
| Forwarding bandwidth      | 1 Gbps                                                            | Not claimed                                                                               | 1 Gbps (IPS/IDS)                                   |
| Fixed WAN port            | 1 x GE combo port                                                 | 2 x GE ports                                                                              | 1 X 1/2.5GE RJ45 port                              |
| Fixed LAN port            | 4 x GE ports<br>(all of which can be switched to WAN ports)       | 4 x GE ports                                                                              | 4 X GE RJ45 ports                                  |
| IPsec VPN                 | 75                                                                | 50                                                                                        |                                                    |
| Memory                    | 1 GB                                                              | 1 GB                                                                                      | 3 GB                                               |
| Heat dissipation          | Fanless                                                           | Fanless                                                                                   |                                                    |
| VPN                       | IPsec VPN, GRE VPN, DSVPN, L2TP VPN, L2TPv3VPN, VXLAN, PPTP       | IPsec VPN, GRE VPN, DSVPN, L2TP VPN, L2TPv3VPN, VXLAN, PPTP, SSLVPN, DMVPN, GET VPN, etc. | License-free SD-WAN<br>WireGuard, L2TP and OpenVPN |
| IPv4                      | Static routing, policy-based routing (PBR), RIP, OSPF, IS-IS, BGP | Static routing, PBR, RIP, OSPF, IS-IS, and BGP                                            |                                                    |
| IPv6                      | Static routing, PBR, RIPng, OSPFv3, IS-ISv6, BGP4+                | Static routing, PBR, RIPng, OSPFv3, IS-ISv6, BGP4+                                        |                                                    |
| Management mode           | Local web, SNC/eKit app, CLI, SNMP                                | Local web, CLI, SNMP                                                                      |                                                    |

# S530 Series: L3, Fully-Managed Core Switches with High Performance, High Reliability, and Flexible Scalability

## Overview

### L3, fully-managed core switches

- GTM on June 30, 2024
- Global GTM



S530-24T4XE



S530-24ST4XE



S530-48S4XE

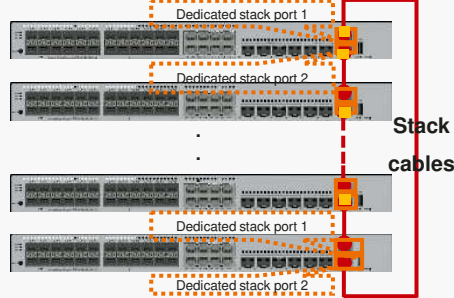
### Applicable scenarios

- Used at the aggregation and core layers of midsize and large networks to offer flexible GE access and 10GE uplinks, configuration-free stacking, and high performance and reliability

## Specifications

|                                 |                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port                            | <ul style="list-style-type: none"><li>• 24 x GE RJ45 ports, 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports</li><li>• 24 x GE SFP ports (including 8 x GE combo ports), 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports</li><li>• 48 x GE SFP ports, 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports</li></ul> |
| Packet forwarding rate          | <ul style="list-style-type: none"><li>• 132 Mpps</li><li>• 132 Mpps</li><li>• 168 Mpps</li></ul>                                                                                                                                                                                                                                       |
| Switching capacity              | <ul style="list-style-type: none"><li>• 176 Gbps</li><li>• 176 Gbps</li><li>• 224 Gbps</li></ul>                                                                                                                                                                                                                                       |
| Power supply                    | 1+1 backup, supporting AC and DC power modules                                                                                                                                                                                                                                                                                         |
| Long-term operating temperature | - 5°C to + 50°C                                                                                                                                                                                                                                                                                                                        |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment mode                                                                                                                                                                                                                                                                                     |
| Management mode                 | Local web, SNC/eKit app, CLI, SNMP                                                                                                                                                                                                                                                                                                     |
| Routing                         | <ul style="list-style-type: none"><li>• Enhanced L3 features, mature IPv6 features</li><li>• Static routing, RIPv1/2, RIPv6, OSPF, OSPFv3, ECMP, IS-IS, IS-ISv6, BGP, BGP4+</li></ul>                                                                                                                                                  |
| Stacking                        | Dedicated stack ports, configuration-free                                                                                                                                                                                                                                                                                              |

## Highlights

- Dedicated stack ports, facilitating configuration-free stacking and flexible service expansion**  

  - A maximum of 9 switches can be stacked.
  - Different S530 series switch models can be stacked.
- Fully-managed, catering to diverse management and O&M needs**
  - Mobile app/Cloud-based web: remote O&M scenario
  - Local web: scenario incapable of cloud-based remote O&M
  - CLI: senior engineer-based complex function configuration scenario
  - SNMP: professional NMS-based large network O&M scenario
- Enhanced L3 features, satisfying enterprises' diversified service needs**
  - Support for enhanced L3 features, such as OSPF, IS-IS, BGP, and VRRP, and mature IPv6 features

# S530-24T4XE/S530-24ST4XE/S530-48S4XE: L3, Fully-Managed Switches



S530-24T4XE

**L3, fully-managed switch with 10GE uplinks**

| Parameter                       | Specifications                                                              |
|---------------------------------|-----------------------------------------------------------------------------|
| Port                            | 24 x GE RJ45 ports, 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports |
| Packet forwarding rate          | 132 Mpps                                                                    |
| Switching capacity              | 176 Gbps                                                                    |
| Power supply                    | 1+1 backup, supporting AC and DC power modules                              |
| Long-term operating temperature | - 5°C to + 50°C                                                             |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment                               |
| Management mode                 | eKit app, SNC, local web, CLI, SNMP                                         |



S530-24ST4XE

**All-optical, L3, fully-managed switch with 10GE uplinks, flexible ports and optical-electrical integration**

| Parameter                       | Specifications                                                                                            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|
| Port                            | 24 x GE SFP ports (including 8 x GE combo ports), 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports |
| Packet forwarding rate          | 132 Mpps                                                                                                  |
| Switching capacity              | 176 Gbps                                                                                                  |
| Power supply                    | 1+1 backup, supporting AC and DC power modules                                                            |
| Long-term operating temperature | - 5°C to + 50°C                                                                                           |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment                                                             |
| Management mode                 | eKit app, SNC, local web, CLI, SNMP                                                                       |



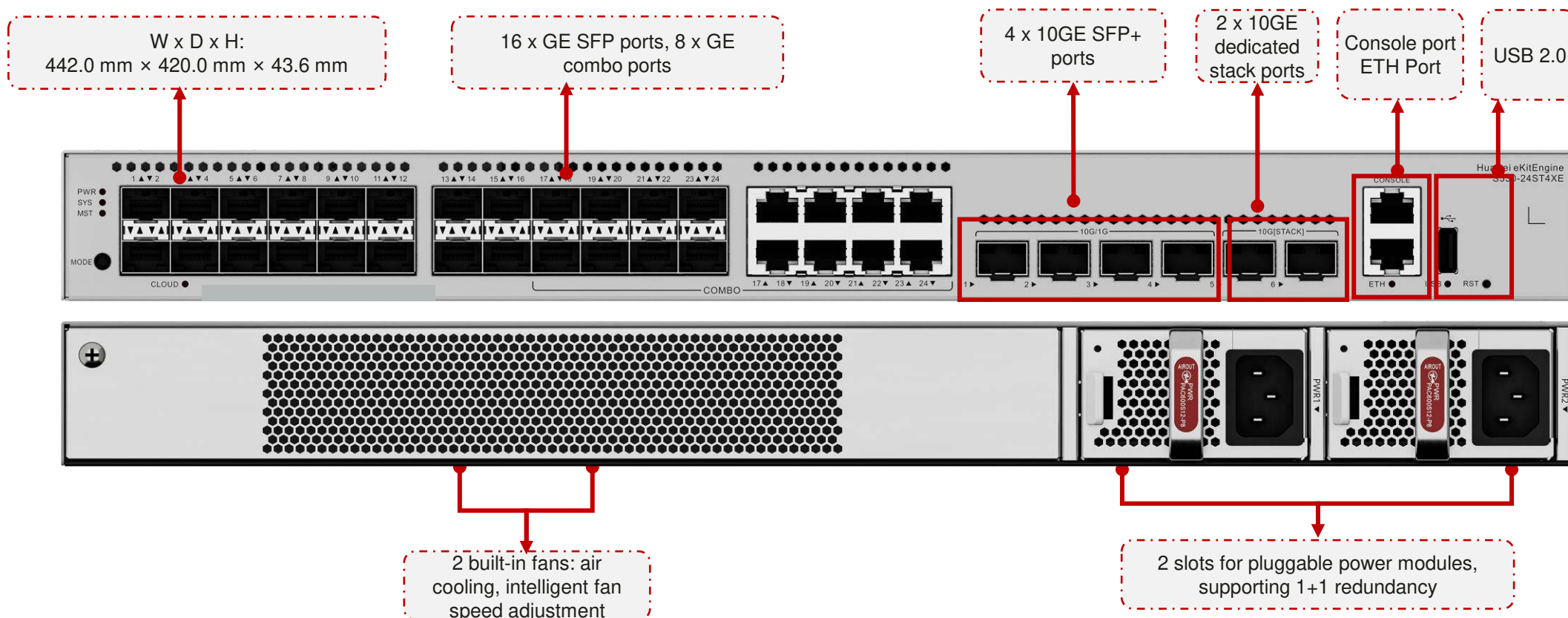
S530-48S4XE

**All-optical, L3, fully-managed switch with 10GE uplinks**

| Parameter                       | Specifications                                                             |
|---------------------------------|----------------------------------------------------------------------------|
| Port                            | 48 x GE SFP ports, 4 x 10GE SFP+ ports, and 2 x 10GE dedicated stack ports |
| Packet forwarding rate          | 168 Mpps                                                                   |
| Switching capacity              | 224 Gbps                                                                   |
| Power supply                    | 1+1 backup, supporting AC and DC power modules                             |
| Long-term operating temperature | - 5°C to + 50°C                                                            |
| Heat dissipation mode           | Air cooling, intelligent fan speed adjustment                              |
| Management mode                 | eKit app, SNC, local web, CLI, SNMP                                        |



# S530-24ST4XE: All-Optical, L3, Fully-Managed Switch



## Superfast access

- **24 x GE optical downlinks and 4 x 10GE optical uplinks**, enabling high-speed access
- **2 x 10GE dedicated stack ports**, freeing from uplink ports and enabling configuration-free stacking

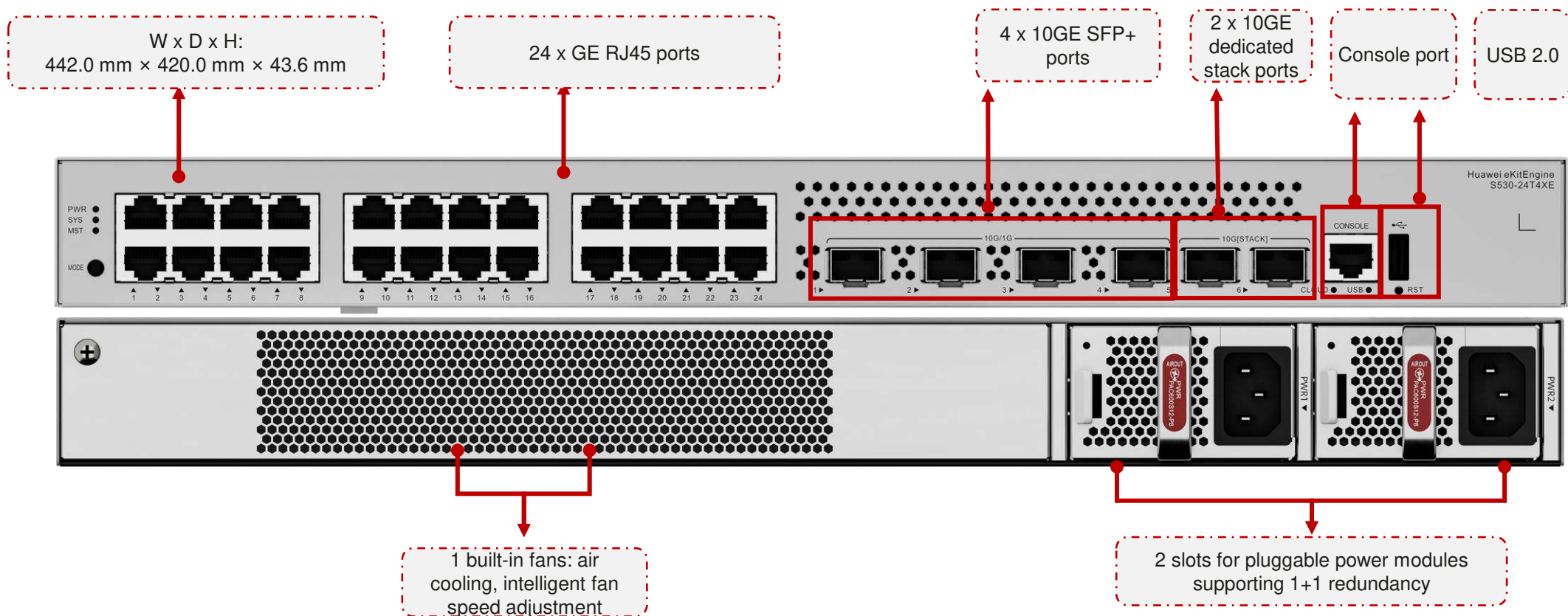
## Ultra-high reliability

- **Dual pluggable power modules for redundancy**, ensuring reliable device running

## Easy O&M

- Flexible and easy management via **the eKit app, SNC, local web, CLI, or SNMP**

# S530-24T4XE: L3, Fully-Managed Switch



## Superfast access

- **24 x GE downlinks and 4 x 10GE optical uplinks**, enabling high-speed access
- **2 x 10GE dedicated stack ports**, freeing from uplink ports and enabling configuration-free stacking

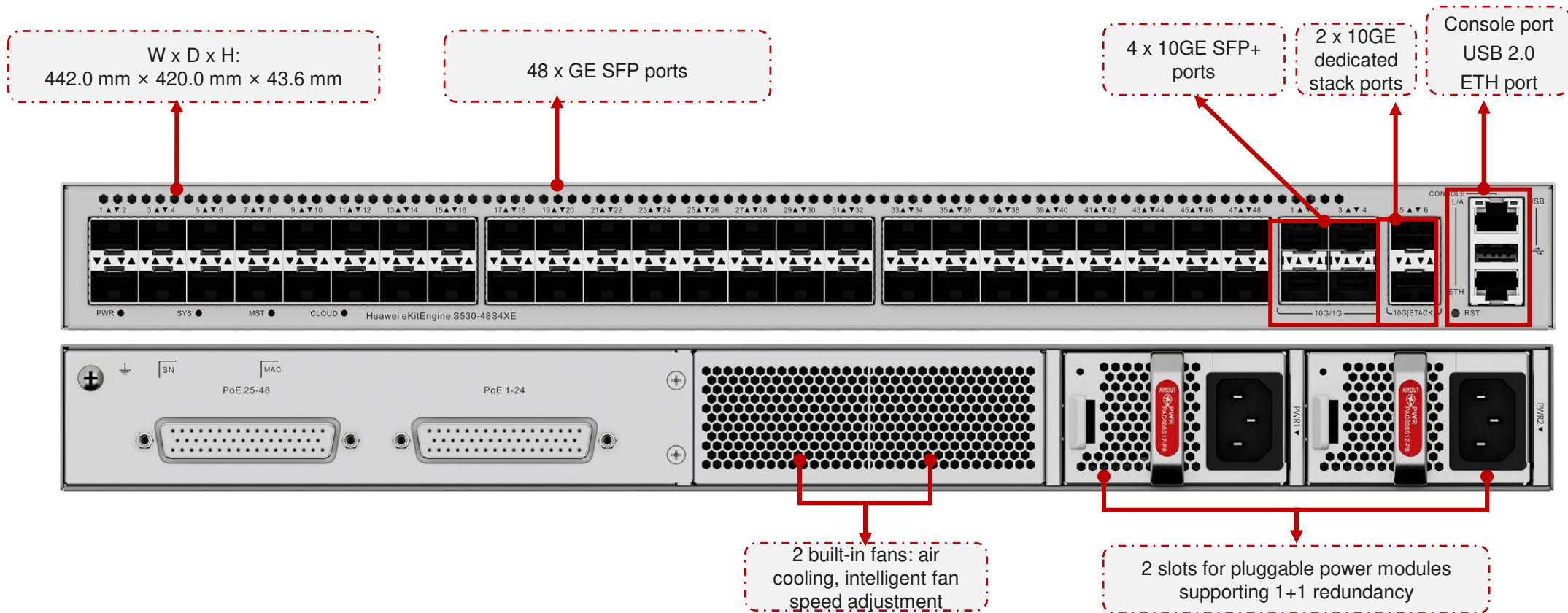
## Ultra-high reliability

- **Dual pluggable power modules for redundancy**, ensuring reliable device running

## Easy O&M

- Flexible and easy management via **the eKit app, SNC, local web, CLI, or SNMP**

# S530-48S4XE: L3, Fully-Managed Switch



## Superfast access

- **48 x GE SFP downlinks and 4 x 10GE optical uplinks**, enabling high-speed access
- **2 x 10GE dedicated stack ports**, freeing from uplink ports and enabling configuration-free stacking

## Ultra-high reliability

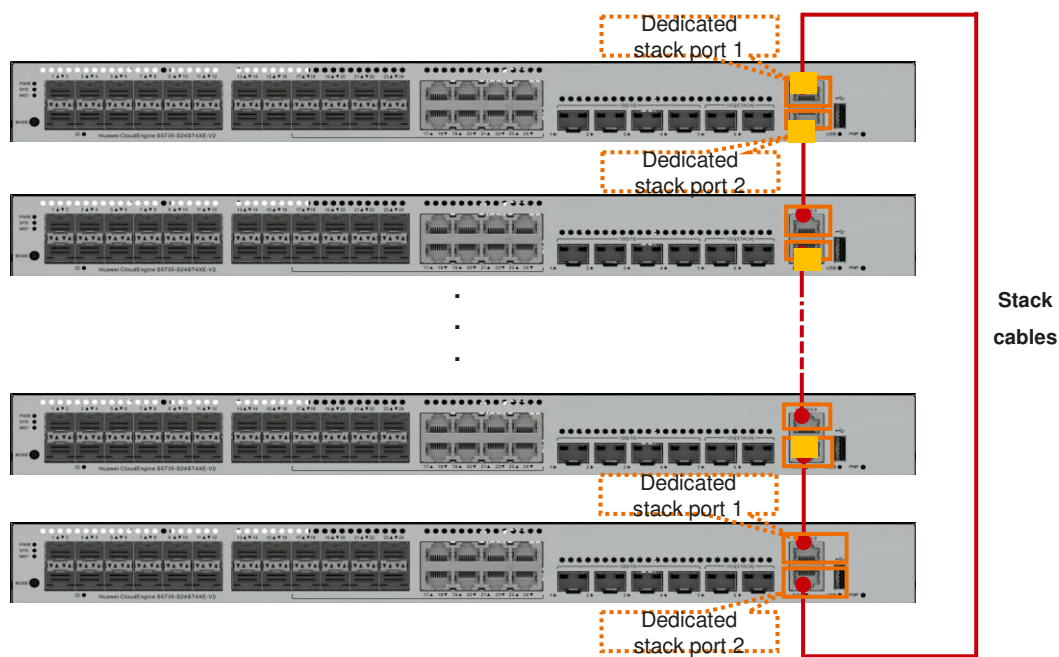
- **Dual pluggable power modules for redundancy**, ensuring reliable device running

## Easy O&M

- Flexible and easy management via **the eKit app, SNC, local web, CLI, or SNMP**

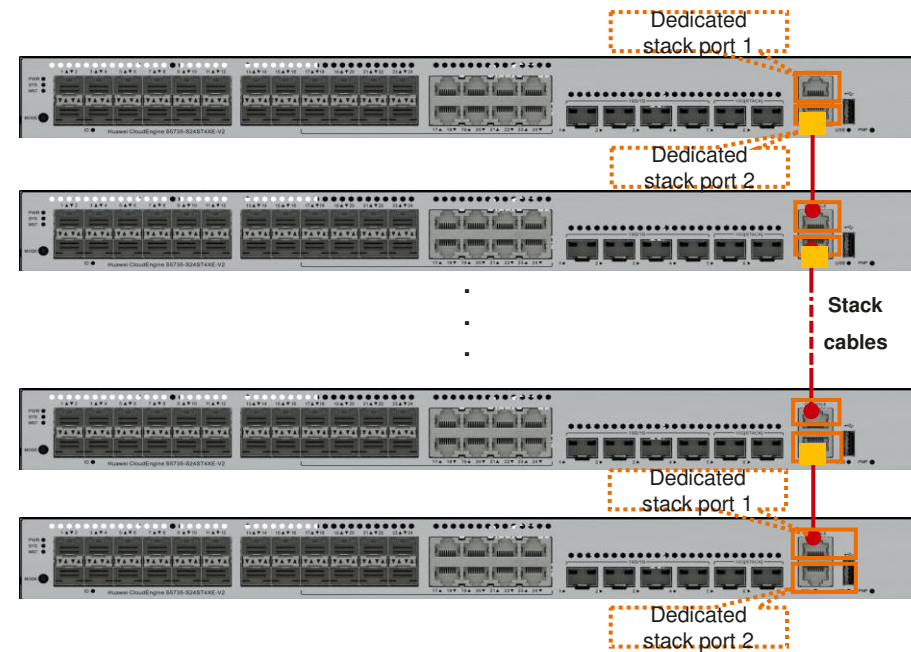
# Configuration-Free Stacking, Up to 9 Switches in a Single Stack

## Dedicated stack cable connections — ring topology



■ Indicates the master end (with the Master tag) of a stack cable

## Dedicated stack cable connections — chain topology



- A maximum of 9 switches can be stacked. Different S530 series switch models can be stacked.
- Dedicated stack cables are used, enabling plug-and-play without service configuration.

A dedicated stack cable has two ends: master end with the Master tag and standby end without any tag.

When dedicated stack cables are used for stacking, switches can automatically set up a stack after such stack cables are connected to ports according to connection rules. To ensure reliability, the ring topology is recommended.



# Dedicated Stack Cables for Switches

**Dedicated stack cable**

**Dedicated stack cable**



- Used for stacking via **GE/10GE** optical ports
- **Configuration-free** stacking, plug-and-play cable

Two options: 0.5 m and 1.5 m

| Model           | Length | Electrical Attribute | Bending Radius | Connector Type | Part Number | Port                         |
|-----------------|--------|----------------------|----------------|----------------|-------------|------------------------------|
| SFP+STACK-CU0M5 | 0.5 m  | Passive              | 25 mm          | SFP+ <-> SFP+  | 02311VGK    | Dedicated stack port on S530 |
| SFP+STACK-CU1M5 | 1.5 m  | Passive              | 25 mm          | SFP+ <-> SFP+  | 02311VGN    | Dedicated stack port on S530 |

THANK YOU

