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## Overview

The S5700-26X-SI-12S-AC is gigabit Layer 3 Ethernet switch based on new generation of high-performance hardware and Huawei Versatile Routing Platform (VRP). With twelve Ethernet 10/100/1,000 ports, twelve 100/1,000 Base-X ports and two 10 GE SFP+ ports, it provides a large switching capacity, high-density GE interfaces for users, applicable to various scenarios. The S5700-26X-SI-12S-AC integrates many advanced technologies in terms of reliability, security, and energy conservation in order to help enterprise customers build a next-generation IT network.

## Quick Specification

Table 1 shows the quick specification.

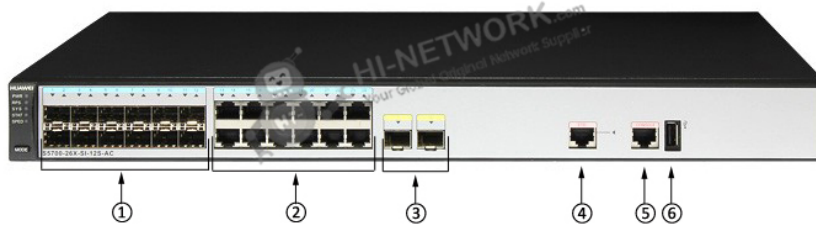
Model	S5700-26X-SI-12S-AC
Part Number	02354039
Description	12 Ethernet 10/100/1000 ports, 12 Gig SFP, 2 10 Gig SFP+, AC 110/220V, 1 extension slot
Ports	12 Ethernet 10/100/1,000 ports, 12 100/1,000 Base-X ports, 2 10 GE SFP+ ports
Memory (RAM)	256 MB
Flash	200 MB
MAC Address Table Size	16 MAC
Voltage Required	AC: Rated voltage range: 100V to 240V, 50/60 Hz Maximum voltage range: 90V to 264V, 50/60 Hz
Power Device	An AC power supply
Power Consumption Operational	< 42.3W
Forwarding performance	66 Mpps
Switching capacity	256 Gbit/s
Dimensions (W x D x H)	442 mm x 310 mm x 43.6 mm
Weight	6.6 kg

Figure 1 shows the appearance of S5700-26X-SI-12S-AC.



## Product Details

Figure 2 shows the front panel of S5700-26X-SI-12S-AC.



Note:

(1)	Twelve 100/1000BASE-X ports	(4)	Twelve 10/100/1000BASE-T ports
(2)	Two 10GE SFP+ ports	(5)	ETH management port
(3)	One console port	(6)	USB port

Figure 3 shows the back panel of S5700-26X-SI-12S-AC.



Note:

(1)	Ground screw	(3)	Jack for AC terminal locking latch
(2)	RPS socket	(4)	AC socket

- \* The ground screw is used with a ground cable.
- \* RPS socket is used with an RPS cable, which is not hot swappable.
- \* The AC terminal locking latch is not delivered with the switch.
- \* AC socket is used with an AC power cable.

## Recommended Modules

Table 2 shows the recommended modules.

Model	Description
10G-SFP+ Optical Transceiver	
<a href="#">SFP-10G-USR</a>	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
<a href="#">OMXD30000</a>	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
<a href="#">OSX010000</a>	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)
FE-SFP Optical Transceiver	
<a href="#">SFP-FE-SX-MM1310</a>	Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)
<a href="#">S-SFP-FE-LH40-SM1310</a>	Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC)
<a href="#">eSFP-FE-LX-SM1310</a>	Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC)
GE-SFP Optical Transceiver	
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
<a href="#">S-SFP-GE-LH40-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)
<a href="#">S-SFP-GE-LH40-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC)

## Compare to Similar Items

Table 3 shows the comparison of Huawei S5700-28C-SI, S5700-24TP-SI-AC and S5700-26X-SI-12S-AC.

Models	<a href="#">S5700-28C-SI</a>	<a href="#">S5700-24TP-SI-AC</a>	S5700-26X-SI-12S-AC
Fixed Ports	24 × 10/100/1,000 Base-T ports, 4 of which are dual-purpose 10/100/1,000 or SFP	24 × 10/100/1,000 Base-T ports, 4 of which are dual-purpose 10/100/1,000 or SFP	12 × 10/100/1,000 Base-T, 12 × 100/1,000 Base-X, 2 × 10 GE SFP+
Power Supply	Double hot swappable AC/DC power supplies	AC model	AC power supply, supporting Redundant Power Supply (RPS)
Forwarding Performance	96 Mpps	36 Mpps	66 Mpps
Switching Capacity	256 Gbit/s	256 Gbit/s	256 Gbit/s
Power Consumption	< 40W	< 56W	< 42.3W

## Get more information

Do you have any question about the S5700-26X-SI-12S-AC (02354039)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

<b>S5700-24TP-SI-AC Specification</b>	
Manufacturer	Huawei
Manufacturer Part Number	S5700-24TP-SI-AC
Form Factor	Fixed, Stackable
Switch Port	20 GE ports, 4 GE Combo ports
Power Over Ethernet (PoE)	Non-POE
Extended slot	Provides an extended slot for a stack card
Max Stack bandwidth	48Gbps
DRAM Memory	256 MB
Flash Memory	32 MB
<b>Performance</b>	
Forwarding performance	36 Mpps
MAC address table	IEEE 802.1d compliance
	16 K MAC address entries
	MAC address learning and aging
	Static, dynamic, and blackhole MAC address entries
	Packet filtering based on source MAC addresses
VLAN	4 K VLANs
Reliability	RRPP ring topology and RRPP multi-instance
	Smart Link tree topology and Smart Link multi-instance, providing the millisecond-level protection switchover
	SEP
	STP, RSTP, and MSTP
	BPDU protection, root protection, and loop protection
	E-Trunk
IP routing	Static routing, ECMP
	RIPv1, RIPv2 and RIPng

IPv6 features	Neighbor Discovery (ND)
	Path MTU (PMTU)
	IPv6 ping, IPv6 tracert, and IPv6 Telnet
	ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type
	MLD v1/v2 snooping
	6to4 tunnel, ISATAP tunnel, and manually configured tunnel
Multicast	IGMP v1/v2/v3 snooping and IGMP fast leave
	Multicast forwarding in a VLAN and multicast replication between VLANs
	Multicast load balancing among member ports of a trunk
	Controllable multicast
	Port-based multicast traffic statistics
QoS/ACL	Rate limiting on packets sent and received by an interface
	Packet redirection
	Port-based traffic policing and two-rate three-color CAR
	Eight queues on each port
	WRR, DRR, SP, WRR+SP, and DRR+SP queue scheduling algorithms
	Re-marking of the 802.1p priority and DSCP priority
	Packet filtering at Layers 2 through 4, filtering out invalid frames based on the source MAC address, destination
	MAC address, source IP address, destination IP address, port number, protocol type, and VLAN ID
	Rate limiting in each queue and traffic shaping on ports
Security	User privilege management and password protection
	DoS attack defense, ARP attack defense, and ICMP attack defense
	Binding of the IP address, MAC address, interface, and VLAN
	Port isolation, port security, and sticky MAC
	Blackhole MAC address entries
	Limit on the number of learned MAC addresses
	802.1x authentication and limit on the number of users on an interface
	AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC
	SSH v2.0
	Hypertext Transfer Protocol Secure (HTTPS)
	CPU defense
	Blacklist and whitelist
<b>Management</b>	
Management and maintenance	Stacking
	MAC Forced Forwarding (MFF)

	Virtual cable test
	Port mirroring and RSPAN (remote port mirroring)
	Remote configuration and maintenance by using Telnet
	SNMP v1/v2/v3
	RMON
	Web NMS
	HGMP
	System logs and alarms of different levels
	GVRP
	MUX VLAN
<b>Power Supply Specifications</b>	
Power Device	Power supply - Non-PoE
Power Redundancy	No
Voltage Required	AC 120/230 V (50/60 Hz)
<b>Dimensions / Weight / Miscellaneous</b>	
Width	44.2cm
Depth	43.6cm
Height	22.0cm
Weight	5.0kg
MTBF	37years
<b>System Software</b>	
Software Version	Standard Version
<b>Manufacturer Warranty</b>	
Service & Support	1 year warranty

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