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Overview

Huawei S5700-28X-LI-AC switch supports 24 x 10/100/1,000 Base-T Ethernet ports and 4 x 10 GE SFP+ ports.

Quick Specification

Table 1 shows the quick specification.

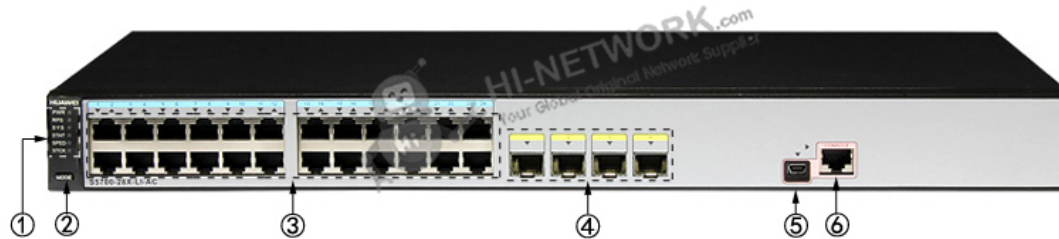
Model	S5700-28X-LI-AC
Part Number	02354215
Downlink Ports	24 x Ethernet 10/100/1000 ports
Uplink Ports	4 x 10G SFP+
MAC Address	16K
VLAN	4K
Forwarding Performance	96 Mpps
Switching Capacity	256 Gbit/s
Stack	Supported
Stack connection mode	Service port connection
Power	AC 110/220V & RPS1800 redundant power supply
Heat Dissipation	Forced air cooling by Built-in fans
Installation mode	Rack mounting, desk mounting, wall mounting
300-mm deep cabinet	Not Supported
Dimensions (W x D x H)	44.2 cm x 22 cm x 4.36 cm

Figure 1 shows the appearance of S5700-28X-LI-AC.



Product Details

Figure 2 shows the front panel of S5700-28X-LI-AC.



Note:

(1)	Switch LEDs	(4)	4 x 10G SFP+ Ethernet Optical Ports
(2)	Mode Button	(5)	One Mini USB Port
(3)	24 x 10/100/1000 BASE-T Ethernet Electrical Ports	(6)	One RJ45 Console Port

· 4 x 10G SFP+ Ethernet Optical Ports supports GE, GE-CWDM, GE-DWDM, 10GE SFP+, 10GE-CWDM optical modules, and GE cooper modules.

· Huawei S5700-28X-LI-AC switch supports USB or RJ45 to console the device.

Figure 3 shows the back panel of S5700-28X-LI-AC.



Note:

(1)	Ground Screw	(3)	Jack for AC Terminal Locking Latch
(2)	RPS Socket	(4)	AC Socket

· Ground Screw is used with a ground cable.

· RPS Socket is used with an RPS cable which is not hot swappable.

· AC socket is used with an AC power cable.

· The AC terminal locking latch is not delivered with the switch.

The Transceiver

Huawei S5700-28X-LI-AC supports optical transceivers (GE, GE-CWDM, GE-DWDM, 10GE SFP+, 10GE-CWDM) and GE cooper transceivers.

Table 2 shows the recommended GE optical transceivers.

Models	Description
LE2MGSC40DE0	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 40km, LC)
LE2MGSC40ED0	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 40km, LC)
S-SFP-GE-LH40-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)
S-SFP-GE-LH40-SM1550	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC)
S-SFP-GE-LH80-SM1550	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 80km, LC)
SFP-GE-BXU1-SC	1000Base, BIDI Optical Transceiver, SFP, GE, Single-mode Module (TX1490nm/RX1310nm, 10km, SC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
SFP-GE-LX-SM1310-BIDI	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)
SFP-GE-LX-SM1490-BIDI	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 10km, LC)
SFP-GE-ZBXD1	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (1570nm (Tx) / 1490nm (Rx), 80km, LC)
SFP-GE-ZBXU1	Optical Transceiver, eSFP, GE, BiDi Single-mode Module (1490nm (Tx) / 1570nm (Rx), 80km, LC)
eSFP-GE-SX-MM850	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.5km, LC)
eSFP-GE-ZX100-SM1550	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 100km, LC)

Table 3 shows the recommended GE-CWDM optical transceivers.

Models	Description
CWDM-SFPGE-1471	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1471nm, 80km, LC)
CWDM-SFPGE-1491	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1491nm, 80km, LC)
CWDM-SFPGE-1591	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1591nm, 80km, LC)
CWDM-SFPGE-1611	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1611nm, 80km, LC)

Table 4 shows the recommended GE-DWDM optical transceivers.

Models	Description
DWDM-SFPGE-1548-51	DWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1548.51nm, 120km, LC)
DWDM-SFPGE-1549-32	DWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1549.32nm, 120km, LC)
DWDM-SFPGE-1550-12	DWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1550.12nm, 120km, LC)
DWDM-SFPGE-1550-92	DWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1550.92nm, 120km, LC)

Table 5 shows the recommended 10GE SFP+ optical transceivers.

Models	Description
OMXD30000	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)
OSX040N01	Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 40km, LC)
OSXD22N00	Optical Transceiver, SFP+, 10G, Multi-mode Module (1310nm, 0.22km, LC, LRM)
SFP-10G-BXD1	10GBase, BIDI Optical Transceiver, SFP+, 10G, Single-mode Module (TX1330nm / RX1270nm, 10km, LC)
SFP-10G-BXU1	10GBase, BIDI Optical Transceiver, SFP+, 10G, Single-mode Module (TX1270nm / RX1330nm, 10km, LC)
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
SFP-10G-ZR	10GBase-ZR Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 80km, LC)
SFP-10G-iLR	Optical Transceiver, SFP+, 9.8G, Single-mode Module (1310nm, 1.4km, LC)

Table 6 shows the recommended 10GE-CWDM optical transceiver.

Models	Description
SFP-10G-ZCW1471	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1471nm, 70km, LC)
SFP-10G-ZCW1491	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1491nm, 70km, LC)
SFP-10G-ZCW1511	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1511nm, 70km, LC)
SFP-10G-ZCW1531	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1531nm, 70km, LC)
SFP-10G-ZCW1551	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1551nm, 70km, LC)
SFP-10G-ZCW1571	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1571nm, 70km, LC)
SFP-10G-ZCW1591	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1591nm, 70km, LC)
SFP-10G-ZCW1611	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1611nm, 70km, LC)

Table 7 shows the recommended GE copper transceivers.

Models	Description
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)

Compare to Similar Items

Table 8 shows the comparison of Huawei S5700-28X-LI-AC and S5700-28X-LI-24S-AC.

Models	S5700-28X-LI-AC	S5700-28X-LI-24S-AC
Downlink Ports	24 x 10/100/1,000 Base-T Ethernet ports	24 x GE SFP ports, 4 x Combo 10/100/1,000 Base-T Ethernet ports
Uplink Ports	4 x 10 GE SFP+ ports	4 x 10 GE SFP+ ports



Power Supply	AC model, supporting RPS	AC model, supporting RPS
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Get More Information

Do you have any question about the S5700-28X-LI-AC (02354215)?

Contact us now via info@hi-network.com.

Specification

S5700-28X-LI-AC Specification	
Manufacturer	Huawei
Manufacturer Part Number	S5700-28X-LI-AC
Form Factor	Fixed, Stackable
Switch Port	24 GE ports, 4 10GE SFP+ ports
Power Over Ethernet (PoE)	Non-POE
Max Number of Stacks	48Gbps
DRAM Memory	256 MB
Flash Memory	32 MB
Performance	
Forwarding performance	96 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 RIPvng



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
Management	
Management and maintenance	
Power Supply Specifications	

Power Device	Power supply - Non-PoE
Power Redundancy	No
Voltage Required	AC 120/230 V (50/60 Hz)
Dimensions / Weight / Miscellaneous	
Width	44.2cm
Depth	22cm
Height	4.36cm
Weight	5.0kg
MTBF	37years
System Software	
Software Version	Standard Version
Manufacturer Warranty	
Service & Support	1 year warranty

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