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Overview

Huawei S5700 Series Switches provide highly scalable gigabit access for terminals in enterprise campus networks; also ideal for resilient server support and aggregation in large-scale data centers. S5700-28X-LI-24S-AC offers 24 x Gig SFP, 4 of which are dual-purpose 10/100/1,000 or SFP, 4 x 10 Gig SFP+, and it is supplied with AC power.

Quick Specification

Table 1 shows the quick specification.

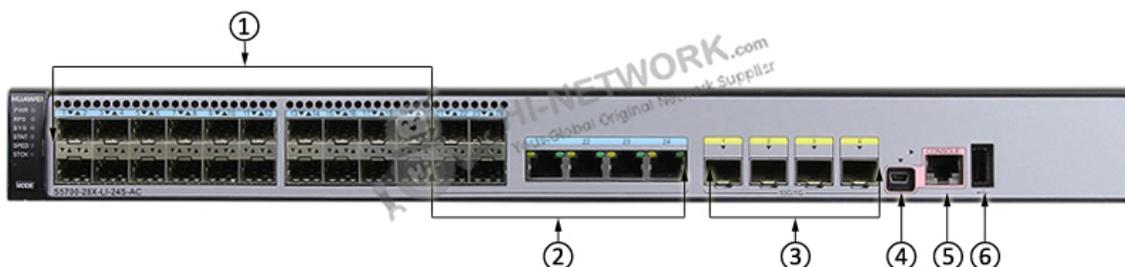
Model	S5700-28X-LI-24S-AC
Part Number	02355271
Ports	24 x GE SFP ports, 4 x Combo 10/100/1,000 Base-T Ethernet ports, 4 x 10 GE SFP+ ports
Forwarding Performance	96 Mpps
Switching Capacity	256 Gbit/s
MAC Address Table	16K MAC
VLAN Features	4K VLANs
Power	AC Power Supply
Dimensions (W x D x H)	44.2 cm x 22 cm x 4.36 cm

Figure 1 shows the appearance of S5700-28X-LI-24S-AC.



Product Details

Figure 2 shows the front panel of S5700-28X-LI-24S-AC.



Note:

(1)	Twenty 100/1000BASE-X ports	(4)	One mini USB Port
(2)	Four combo ports (10/100/1000BASE-T + 100/1000BASE-X)	(5)	One console port
(3)	Four 10GE SFP+ ports	(6)	One USB port

Figure 3 shows the back panel of S5700-28X-LI-24S-AC.



Note:

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

The Transceiver

Table 2 shows the recommended optical transceivers.

Model	Description

GE-SFP Optical Transceiver

GE-SFP Optical Transceiver	
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)
eSFP-GE-SX-MM850	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, 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)
10G-SFP+ Optical Transceiver	
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
OMXD30000	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)

Compare to Similar Items

Table 3 shows the comparison of Huawei S5700-28P-LI-24S-BAT and S5700-28X-LI-24S-AC.

Models	S5700-28P-LI-24S-BAT	S5700-28X-LI-24S-AC
Ports	28 Gig SFP, 4 of which are dual-purpose 10/100/1000 or SFP	24 x GE SFP ports 4 x Combo 10/100/1,000 Base-T Ethernet ports
Power Supply	AC model, not supporting RPS Support Battery Module	AC model, supporting RPS
Software Image	Lite software Image	Lite software Image

Get More Information

Do you have any question about the S5700-28X-LI-24S-AC (02355271)?

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

Specification

S5700-28X-LI-24S-AC Specification

S5700-28X-LI-24S-AC Specification	
Fixed port	24 x GE SFP ports, 4 x Combo 10/100/1,000 Base-T Ethernet ports, 4 x 10 GE SFP+ ports
MAC address table	IEEE 802.1d compliance MAC address learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses MAC address entries:

	<p>S5700S-LI series: 8K, S5700-LI/S5700-SI series: 16K, S5700-EI series: 32K, S5720-EI series: 64K, S5700-HI series: S5700-HI: 32K, S5710-HI: 456K, S5720-HI: 128K</p>
VLAN	<p>4K VLANs</p> <p>Guest VLAN and voice VLAN</p> <p>GVRP</p> <p>MUX VLAN</p> <p>VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports</p> <p>1:1 and N:1 VLAN Mapping</p> <p>SuperVLAN (supported by the S5700-SI/S5700-EI/S5700-HI series)</p>
Ring protection	<p>RRPP ring topology and RRPP multi-instance</p> <p>Smart Link tree topology and Smart Link multi-instance, providing the millisecond-level protection switchover SEP</p> <p>ERPS (G.8032) (supported by the S5700-LI/S5700-SI/S5700-EI/S5700-HI series)</p> <p>STP, RSTP, and MSTP</p> <p>BPDU protection, root protection, and loop protection</p> <p>BPDU Tunnel</p>
Reliability	<p>Ethernet OAM (IEEE 802.3ah and 802.1ag)</p> <p>ITU-Y.1731</p> <p>DLDP</p> <p>LACP</p> <p>E-Trunk (supported by the S5700-SI/S5700-EI/S5700-HI series)</p> <p>BFD for OSPF, BFD for IS-IS, BFD for VRRP, and BFD for PIM (supported by the S5700-EI/S5700-HI series)</p>
MPLS features	<p>MPLS L3VPN</p> <p>MPLS L2VPN(VPWS/VPLS)</p> <p>MPLS-TE</p> <p>MPLS QoS</p> <p>Notes: supported by S5710-EI, S5700-HI and S5710-HI</p>
IP routing	<p>Static routing</p> <p>RIPv1, RIPv2 and RIPv3, ECMP (supported by the S5700-SI/S5700-EI/S5700-HI series)</p> <p>OSPF, OSPFv3, IS-IS, IS-ISv6, BGP and BGP4+ (supported by the S5700-EI/S5700-HI series)</p>
IPv6 features	<p>Neighbor Discovery (ND)</p> <p>Path MTU (PMTU)</p> <p>IPv6 ping, IPv6 traceroute, and IPv6 Telnet</p> <p>ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type</p> <p>MLD v1/v2 snooping</p> <p>6to4 tunnel, ISATAP tunnel, and manually configured tunnel (supported by the S5700-SI/S5700-EI/S5700-HI series)</p>
Multicast	<p>IGMP v1/v2/v3 snooping and IGMP fast leave</p> <p>Multicast forwarding in a VLAN and multicast replication between VLANs</p> <p>Multicast load balancing among member ports of a trunk</p> <p>Controllable multicast</p> <p>Port-based multicast traffic statistics</p> <p>IGMP v1/v2/v3, PIM-SM, PIM-DM, PIM-SSM, MSDP (supported by the S5700-EI/S5700-HI series)</p>
QoS/ACL	<p>Rate limiting on packets sent and received by an interface</p> <p>Packet redirection</p> <p>Port-based traffic policing and two-rate three-color CAR</p>

	<p>Eight queues on each port</p> <p>WRR, DRR, SP, WRR+SP, and DRR+SP queue scheduling algorithms</p> <p>WRED (supported by the S5710-EI and S5700-HI)</p> <p>Re-marking of the 802.1p priority and DSCP priority</p> <p>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, TCP/UDP port number, protocol type, and VLAN ID</p> <p>Rate limiting in each queue and traffic shaping on ports</p>
Security	<p>User privilege management and password protection</p> <p>DoS attack defense, ARP attack defense, and ICMP attack defense</p> <p>Binding of the IP address, MAC address, interface, and VLAN</p> <p>Port isolation, port security, and sticky MAC</p> <p>MFF</p> <p>Blackhole MAC address entries</p> <p>Limit on the number of learned MAC addresses</p> <p>802.1x authentication and limit on the number of users on an interface</p> <p>AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC</p> <p>SSH v2.0</p> <p>Hypertext Transfer Protocol Secure (HTTPS)</p> <p>CPU defense</p> <p>Blacklist and whitelist</p>
Access Security	DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security
Management and maintenance	<p>Virtual cable test</p> <p>Port mirroring and RSPAN (remote port mirroring)</p> <p>Remote configuration and maintenance using Telnet</p> <p>SNMP v1/v2c/v3</p> <p>RMON</p> <p>Web NMS</p> <p>HGMP</p> <p>System logs and alarms of different levels</p> <p>802.3az EEE (supported by the S5700(S)-LI, S5710-EI, S5700-HI and S5710-HI)</p> <p>Dying gasp (supported by the S5700-HI, S5710-HI and S5700(S)-LI (except battery LAN switches)</p> <p>NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)</p> <p>sFlow (supported by the S5700(S)-LI/S5700-EI/S5700-HI series)</p>
Interoperability	<p>Supports VBST (Compatible with PVST/PVST+/RPVST)</p> <p>Supports LNP (Similar to DTP)</p> <p>Supports VCMP (Similar to VTP)</p>
Operating environment	<p>Operating temperature: 0°C–50°C</p> <p>Relative humidity: 10% - 90% (non-condensing)</p>
Input voltage	<p>AC:</p> <p>Rated voltage range: 100 V to 240 V AC, 50/60 Hz</p> <p>Maximum voltage range: 90 V to 264 V AC, 47/63 Hz</p>
Dimensions (W x D x H)	44.2 cm x 22 cm x 4.36 cm
Power Consumption	S5700-28X-LI-24S<54W

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