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## Overview

Huawei S5700S-28P-PWR-LI-AC is Layer 2 Ethernet Stackable Switch, supporting 24 x PoE+ 10/100/1000BASE-T ports and 4 x GE SFP Ports. S5700S-28P-PWR-LI-AC is similar with S5700-28P-PWR-LI-AC but the former is a Huawei distribution switch for business.

## Quick Specification

Table 1 shows the quick specification.

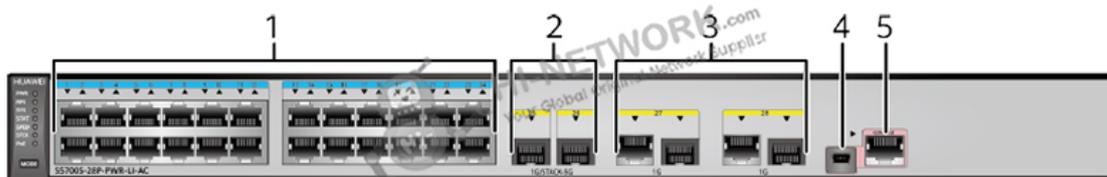
Model	S5700S-28P-PWR-LI-AC
Part Number	98010562
Downlink Ports	Twenty-four PoE+ 10/100/1000BASE-T ports
Uplink Ports	Four GE SFP Ports
MAC Address	16K
VLAN	4K
Forwarding Performance	96 Mpps
Switching Capacity	256 Gbit/s
Stack ports	-V200R001: the last two uplink 1000Base-X optical ports -V200R002 and later versions: four uplink 1000Base-X optical ports
Power	AC 110/220V & RPS1800 power supply
Heat Dissipation	Forced air cooling by Built-in fans
Memory (RAM)	256 MB
Flash	-V200R001: 64 MB -V200R002 and later versions: 200 MB
Dimensions (W x D x H)	442.0 mm x 310.0 mm x 43.6 mm

Figure 1 shows the appearance of S5700S-28P-PWR-LI-AC.



## Product Details

Figure 2 shows the front panel of S5700S-28P-PWR-LI-AC.



Note:

(1)	Twenty-four PoE+ 10/100/1000BASE-T ports	(4)	One mini USB port
(2)	Two 1000BASE-X ports	(5)	One console port
(3)	Two combo ports (10/100/1000BASE-T + 100/1000BASE-X)		

Four 1000BASE-X ports support modules and cables:

- GE optical module
- GE-CWDM optical module
- GE-DWDM optical module
- GE copper module (applicable in V200R002C00 and later versions)
- Stack optical module (applicable in V200R007C00 and later versions)
- 1 m and 10 m SFP+ copper cables
- 3 m and 10 m AOC cables (applicable in V200R003C00 and later versions)

Figure 3 shows the back panel of S5700S-28P-PWR-LI-AC.



Note:

(6)	Ground screw	(8)	Jack for AC power cable locking strap
(7)	RPS socket	(9)	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

Table 2 shows the recommended GE optical transceivers.

Models	Description
<a href="#">LE2MGSC40DE0</a>	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 40km, LC)
<a href="#">LE2MGSC40ED0</a>	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 40km, 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)
<a href="#">S-SFP-GE-LH80-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 80km, LC)
<a href="#">SFP-GE-BXU1-SC</a>	1000Base, BIDI Optical Transceiver, SFP, GE, Single-mode Module (TX1490nm/RX1310nm, 10km, SC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
<a href="#">SFP-GE-LX-SM1310-BIDI</a>	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)
<a href="#">SFP-GE-LX-SM1490-BIDI</a>	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)
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.5km, LC)
<a href="#">eSFP-GE-ZX100-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 100km, LC)

## Compare to Similar Items

Table 3 shows the comparison of Huawei S5700S-28P-PWR-LI-AC and S5700-28X-PWR-LI-AC.

Models	S5700S-28P-PWR-LI-AC	<a href="#">S5700-28X-PWR-LI-AC</a>
Downlink Ports	24 x PoE+ 10/100/1000BASE-T ports	24 x PoE+ 10/100/1000BASE-T ports
Uplink Ports	4 x GE SFP Ports	4 x 10GE SFP+ ports
Power Supply	AC Power Supply	AC Power Supply

## Get more information

Do you have any question about the S5700S-28P-PWR-LI-AC (98010562)?

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

## Specification

S5700S-28P-PWR-LI-AC Specification	
Manufacturer	Huawei
Manufacturer Part Number	S5700S-28P-PWR-LI-AC
Form Factor	Fixed, Stackable
Switch Port	24 GE POE ports, 4 GE SFP ports
Power Over Ethernet (PoE)	PoE+
Max Number of Stacks	48Gbps
DRAM Memory	256 MB
Flash Memory	32 MB
Performance	
Forwarding performance	42 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>	
<b>Management and maintenance</b>	
<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	42cm
Depth	31cm
Height	4.36cm
Weight	4.9kg
MTBF	37years
<b>Manufacturer Warranty</b>	
Service & Support	1 year warranty

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