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Overview

Huawei S5700-28P-PWR-LI-AC is Layer 2 Ethernet Stackable Switch, supporting 24 x PoE+ 10/100/1000BASE-T ports and 4 x GE SFP Ports.

Quick Specification

Table 1 shows the quick specification.

Model	S5700-28P-PWR-LI-AC
Part Number	02353175
Downlink Ports	24 x PoE+ 10/100/1000BASE-T ports
Uplink Ports	4 x 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 S5700-28P-PWR-LI-AC.



Product Details

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



Note:

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

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 S5700-28P-PWR-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 S5700-28P-PWR-LI-AC supports optical transceivers (GE, GE-CWDM, GE-DWDM), Stack optical transceiver and GE cooper transceivers.

Table 2 shows the recommended Stack optical transceiver.

Models	Description
SFP-6GE-LR	6GBase-LR Optical Transceiver, SFP, 6G, Single-mode Module 1310nm, 2km, LC

Table 3 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 4 shows the recommended GE-CWDM optical transceivers.

Models	Description
CWDM-SFPGE-1551	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1551nm, 80km, LC)
CWDM-SFPGE-1571	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1571nm, 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 5 shows the recommended GE-DWDM optical transceivers.

Models	Description
DWDM-SFPGE-1560-61	DWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1560.61nm, 120km, LC)

Table 6 shows the GE copper transceivers.

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

Compare to Similar Items

Table 7 shows the comparison of Huawei S5700-28P-PWR-LI-AC and S5700-28X-PWR-LI-AC.

Model	S5700-28P-PWR-LI-AC	S5700-28X-PWR-LI-AC
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 S5700-28P-PWR-LI-AC (02353175)?

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Specification

S5700-28P-PWR-LI-AC Specification	
Manufacturer	Huawei
Manufacturer Part Number	S5700-28P-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 RIPv6
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	42cm
Depth	31cm
Height	4.36cm
Weight	4.9kg
MTBF	37years
Manufacturer Warranty	
Service & Support	1 year warranty

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Datasheet



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