S5700-28P-LI-24S-BAT (98010511) Datasheet



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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. S5700-28P-LI-24S-BAT offers 28 Gig SFP, 4 of which are dual-purpose 10/100/1000 or SFP, and 1 battery slot.

Quick Specification

Table 1 shows the quick specification.

Model	S5700-28P-LI-24S-BAT
Part Number	98010511
Ports	28 x GE SFP ports, 4 x Combo 10/100/1,000 Base-T Ethernet ports
Forwarding Performance	42 Mpps
Switching Capacity	256 Gbit/s
Stack	Not supported
RAM	256 MB
Flash	200 MB
Power	AC power supply
	Battery
Heat Dissipation	Built-in fans for forced air cooling
Dimensions (W x D x H)	44.2 cm x 31 cm x 4.36 cm

Figure 1 shows the appearance of S5700-28P-LI-24S-BAT.





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Product Details

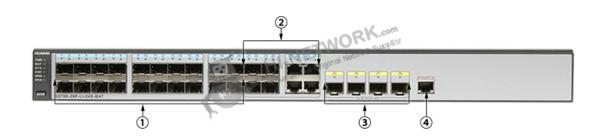
Figure 2 shows the front panel of S5700-28P-LI-24S-BAT.



Note:

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

Figure 3 shows the back panel of S5700-28P-LI-24S-BAT.



Note:

(1)	Ground screw	(3)	Battery slot
(2)	AC socket		

The Transceiver

Table 2 shows the recommended optical transceivers.

Model	Description
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)



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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)

The Power

Table 3 shows the battery module and AC power supply of this switch.

Models	Description
BAT-4AHA	Huawei BAT-4AHA Lithium ion battery unit for S5700
BAT-8AHA	Huawei BAT-8AHA Rechargeable Battery for S5700
ES0W2PSA0150	150W AC Power Module (Black)

The Power

Table 3 shows the battery module and AC power supply of this switch.

Models	S5700-28P-LI-24S-BAT	<u>S5700-28X-LI-24S-AC</u>	
Ports	28 Gig SFP,4 of which are dual-purpose 10/100/1000 or SFP	24 x GE SFP ports	
FOILS	28 Gig 311,4 of which are dual-purpose 10/100/1000 of 311	4 x Combo 10/100/1,000 Base-T Ethernet ports	
Dowor Supply	AC model, not supporting RPS	AC model, supporting RPS	
Power Supply	Support Battery Module		
Software Image	Lite software Image	Lite software Image	

Get more information

Do you have any question about the S5700-28P-LI-24S-BAT (98010511)?

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

Specification

S5700-28P-LI-24S-BAT Specification	
Direct mont	28 x GE SFP ports,
Fixed port	4 x Combo 10/100/1,000 Base-T Ethernet ports
	IEEE 802.1d compliance
MAC address table	MAC address learning and aging
	Static, dynamic, and blackhole MAC address entries



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Packet filtering based on source MAC addresses MAC address entries: S57008-LI sers: 8.5 S700-LI S200.511 series: 15K, 5570-DEI series: 32K, 5570-DE		£ *
SY1054.11 series: SK, SY104.13.SY1054.13.SK, SY104.11.SK, SK, SK, SK, SK, SK, SK, SK, SK, SK,		Packet filtering based on source MAC addresses
85700 HI series: 85700 HI: 25K, 85710 HI: 25K 4K VLANs Gases VLAN and voice VLAN 6 Great VLAN and voice VLAN 6 WX P 6 WX VLAN 6 WX VLAN 6 WX VLAN 6 WX VLAN 7 WLAN Assignment based on MAC addresses, protocols, IP subsets, policies, and ports 1.1 and N1 VLAN Mapping 8 WX VLAN 9 SuperVLAN (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 SuperVLAN (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 SuperVLAN (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 FILS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 HI series) 9 FIPE (SCBNC2) (supported by the \$5700 SUS\$700 HI series) 9 FIPE (SCBNC2) (SCDNC1 FIRS\$500 HI series) 9 FIPE (SCBNC2) (SCDNC1 FIRS\$500 HI series) 9 FIPE (SCBNC2) (SCDNC1 FIRS\$500 HI series		MAC address entries:
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IP routing Notes: supported by S5710-EI, S5700-HI and S5710-HI IP routing Static routing RIPv1, RIPv2 and RIPng, ECMP (supported by the S5700-SI/S5700-EI/S5700-HI series) OSPF, OSPFv3, IS-IS, IS-ISv6, BGP and BGP4+ (supported by the S5700-EI/S5700-HI series) Neighbor Discovery (ND) Path MTU (PMTU)	MPLS features	MPLS-TE
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OSPF, OSPFv3, IS-IS, IS-ISv6, BGP and BGP4+ (supported by the S5700-EI/S5700-HI series) Neighbor Discovery (ND) IPv6 features Path MTU (PMTU)		Static routing
IPv6 features Path MTU (PMTU)	IP routing	RIPv1, RIPv2 and RIPng, ECMP (supported by the S5700-SI/S5700-EI/S5700-HI series)
IPv6 features Path MTU (PMTU)		OSPF, OSPFv3, IS-IS, IS-ISv6, BGP and BGP4+ (supported by the S5700-EI/S5700-HI series)
		Neighbor Discovery (ND)
IPv6 ping, IPv6 tracert, and IPv6 Telnet	IPv6 features	Path MTU (PMTU)
		IPv6 ping, IPv6 tracert, and IPv6 Telnet



S5700-28P-LI-24S-BAT (98010511) Datasheet



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ood hankel, ISATAP tankol, and manually configured named Gupported by the SS700-SHS5700-EH SS700-HI series IKMP '1-2x-3 snooping and IKMP' fait bases Multicate for warding in a VLAN and multicate replication between VLANs Controllable multicati turific saturation Controllable multicati turific saturation Controllable multicati turific saturation Controllable multicati turific saturation Rate financing among multipation Packat reflection Packat reflection Packat reflection Parkat reflection WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, WBR (SP, and DBR) SP quote scheduling algorithms WBR, DBR, SP, and DBR) SP quote scheduling algorithms WBR (SP, and pal		ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type
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Blacklist and whitelist Access Security DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security Virtual cable test		Hypertext Transfer Protocol Secure (HTTPS)
Access Security DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security Virtual cable test Management and maintenance		CPU defense
Management and maintenance		Blacklist and whitelist
Management and maintenance	Access Security	DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security
÷		Virtual cable test
	Management and maintenance	Port mirroring and RSPAN (remote port mirroring)



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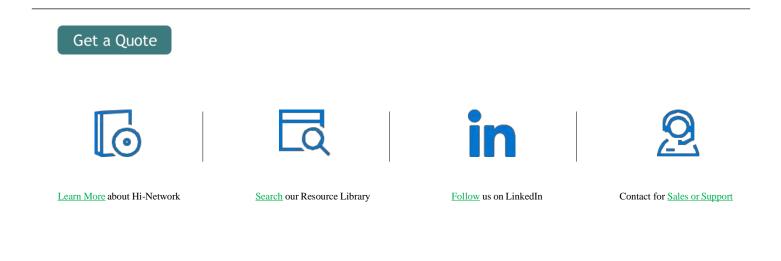
S5700-28P-LI-24S-BAT (98010511)

Datasheet



	Remote configuration and maintenance using Telnet
	SNMP v1/v2c/v3
	RMON
	Web NMS
	НСМР
	System logs and alarms of different levels
	802.3az EEE (supported by the S5700(S)-LI, S5710-EI, S5700-HI and S5710-HI)
	Dying gasp (supported by the S5700-HI, S5710-HI and S5700(S)-LI (except battery LAN switches)
	NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)
	sFlow(supported by the S5700(S)-LI/S5700-EI/S5700-HI series)
	Supports VBST (Compatible with PVST/PVST+/RPVST)
Interoperability	Supports LNP (Similar to DTP)
	Supports VCMP (Similar to VTP)
Operating environment	Operating temperature: 0°C–50°C
Operating environment	Relative humidity: 10% - 90% (non-condensing)
	AC:
	Rated voltage range: 100 V to 240 V AC, 50/60 Hz
	Maximum voltage range: 90 V to 264 V AC, 47/63 Hz
Input voltage	DC:
	Rated voltage range: -48 V to -60 V, DC
	Maximum voltage range: -36 V to -72 V DC
	Note: PoE-support switches do not use DC power supplies.
Dimensions (W x D x H)	44.2 cm x 31 cm x 4.36 cm
Power Consumption	S5700-28P-LI-24S-BAT<34.1W

Want to Buy







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