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Overview

LS-S2309TP-EI-AC is one of the Huawei S2300 Series Switches. The S2300 series switches are new generation Ethernet intelligent access switches developed by Huawei. The S2300 is mainly deployed on the IP MAN and intranets, meeting the requirements of carrying various Ethernet services and accessing the Ethernet. Based on the new generation high-performance hardware and Huawei Versatile Routing Platform (VRP) software, the S2300 supports rich and flexible service features and thus improves operability, manageability, and service expansibility. The S2300 is a case-shaped device with a 1U chassis. The S2300 series are classified into SI and EI models. The S2309TP-EI Mainframe 8 10/100 FastEthernet ports and 1 Combo GE 10/100/1000 Rj-45+100/1000 SFP) ports and AC 110/220V, comprehensive Layer 2 Feature.

Quick Specification

Table 1 shows the quick specification.

Model	LS-S2309TP-EI-AC
Part Number	02351370
Fixed Ports	·8-Port 10/100BASE-T(RJ45); ·1-Combo-port (10/100/1000BASE-T (RJ45) / 100/1000BASE-X (SFP)); ·1-Port Console (RJ45)
Forwarding performance	2.7 Mpps
Port switching capacity	3.6 Gbit/s
Backplane switching capacity	32 Gbit/s
Power supplies	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Power consumption	12.8 W
Dimensions: width x depth x height	250 mm x 180 mm x 43.6 mm
Weight	1.4 kg (3.09 lbs)

Figure 1 shows the appearance of LS-S2309TP-EI-AC.

Product Details

Figure 2 shows the front panel of LS-S2309TP-EI-AC.

Figure 3 shows the back panel of LS-S2309TP-EI-AC.

The Modules

Table 2 shows the recommended elements for the LS-S2309TP-EI-AC.

Model	Description
FE-SFP Optical Transceiver	
SFP-FE-SX-MM1310	Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)
eSFP-FE-LX-SM1310	Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC)
S-SFP-FE-LH40-SM1310	Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC)
GE-SFP Optical Transceiver	
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)
GE Copper Transceiver	
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)

Compare to Similar Items

Table 3 shows the comparison of LS-S2309TP-EI-AC and LS-S2309TP-SI-AC.

Model	LS-S2309TP-EI-AC	LS-S2309TP-SI-AC
IPv6 features	·Supports IPv6 host functions. ·Supports static route configuration. ·Supports IPv6 ACL. ·Supports MLD v1/v2 snooping	·Supports IPv6 host functions. ·Supports static route configuration.
VLAN features	·Supports IEEE 802.1Q (VLAN) and 4096 VLANs. ·Supports port-based VLAN. ·Supports MAC-based VLAN. ·Supports basic QinQ. ·Supports 1:1 VLAN switching. ·Supports N:1 VLAN switching.	·Supports IEEE 802.1Q (VLAN) and 4096 VLANs. ·Supports port-based VLAN.
Port mirroring	·Supports 1:1 or N:1 port mirroring ·Supports Remote Switched Port Analyzer (RSPAN) and traffic-based ·Supports packet forwarding on an observing port.	·Supports 1:1 or N:1 port mirroring ·Supports packet forwarding on an observing port.
Power supply	With some model support DC	All model AC based

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Do you have any question about the LS-S2309TP-EI-AC (02351370)?

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Specification

LS-S2309TP-EI-AC Specification	
Port	eight 10/100Base-TX ports and one gigabit Combo port (10/100/1000Base-T or 100/1000Base-X)
Forwarding performance	2.7 Mpps
Port switching capacity	3.6 Gbit/s
Backplane switching capacity	32 Gbit/s
MAC address table	Supports 8 K MAC address entries. Supports manual addition and deletion of a MAC address table. Supports configuration of MAC address aging time. Supports disabling of MAC address learning based on port or aggregation group. Supports limit on the number of MAC addresses to be learned on a port. Supports blackhole MAC addresses.
VLAN features	Supports IEEE 802.1Q (VLAN) and 4096 VLANs. Supports port-based VLAN.

	Supports MAC-based VLAN.
	Supports basic QinQ.
	Supports 1:1 VLAN switching.
	Supports N:1 VLAN switching.
QoS	Supports port rate limit and traffic rate limit.
	Supports four queues with different priorities on each port.
	Supports mapping of packets to different queues based on 802.1p.
	Supports multiple algorithms including SP, WRR, and SP+WRR.
	Supports traffic classification based on source MAC address, destination MAC address, source IP address, destination IP address, Layer-4 port number, protocol type, VLAN ID, Ethernet frame protocol type, and CoS.
	Supports traffic-based priority marking and packet redirection.
IPv6 features	Supports IPv6 host functions.
	Supports static route configuration.
	Supports IPv6 ACL. Supports MLD v1/v2 snooping.
Multicast	Supports IGMP v1/v2/v3 snooping.
	Supports multicast load sharing among bundled ports.
	Supports port-based multicast rate limit and traffic statistics
Port mirroring	Supports 1:1 or N:1 port mirroring.
	Supports Remote Switched Port Analyzer (RSPAN) and traffic-based mirroring.
	Supports packet forwarding on an observing port.
Security	Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.
	Supports dynamic ARP detection. Supports IP Source Guard.
	Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.
	Supports binding of the IP address, MAC address, port number, and VLAN ID. Support port rate limit. Supports port isolation, port security, and sticky MAC. Supports packet filtering.
	Supports packet filtering based on MAC addresses.
	Supports suppression of multicast, broadcast, and unknown single-cast packets. Supports limit on the number of MAC addresses to be learned.
	Supports CPU protection.
Surge protection	Each port has a surge protection capability of 7 kV. Each port has a surge protection capability of 15 kV after an extra surge protection device is added.
Management	Supports iStack.
	Supports automatic configuration.
	Supports CLI configuration.
	Supports remote configuration and maintenance by using Telnet.
	Supports SNMP v1/v2/v3. Supports RMON.
	Supports HGMP v2. Supports SSH v2.
	Supports Web management.
	Supports GVRP.
Operating environment	Operating temperature: 0°C to 50°C (long term); –5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)
Power supply	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Dimensions: width x depth x height	250 mm x 180 mm x 43.6 mm
Weight	< 1.4 kg
Power consumption	< 12.8 W

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