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Overview

LS-S2309TP-EI-DC is one of the Huawei S2300 Series Switches. The Quidway 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 series are classified into SI and EI models. Huawei S2300 Series Switch S2309TP-EI Mainframe 8 10/100 FastEthernet ports and 1 Combo GE (10/100/1000 Rj-45 +100/1000 SFP) ports and DC -48V comprehensive Layer 2 Feature.

Quick Specification

Table 1 shows the quick specification.

Model	LS-S2309TP-EI-DC
Part Number	02351371
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
DDR memory	64 MB
Flash Memory	16 MB
Power supplies	DC: Rated voltage: -48 V to -60 V Maximum voltage: -36 V to -72 V
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-DC.



Product Details

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



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



The Modules

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

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-DC and LS-S2309TP-PWR-EI.

Model	LS-S2309TP-EI-DC	LS-S2309TP-PWR-EI
Fixed Ports	8-Port 10/100BASE-T(RJ45); 1-Combo-port (10/100/1000BASE-T (RJ45) / 100/1000BASE-X (SFP)); 1-Port Console (RJ45)	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	2.7 Mpps
Port switching capacity	3.6 Gbit/s	3.6 Gbit/s
Backplane switching capacity	32 Gbit/s	32 Gbit/s
Power supplies	DC power supplies	supports two pluggable AC power supplies and PoE supplies
Power consumption	12.8 W	154 W, PoE power = 124 W
PoE (Power over Ethernet)	No	Yes
Dimensions: width x depth x height	250 mm x 180 mm x 43.6 mm	320 mm x 220 mm x 43.6 mm
Weight	1.4 kg (3.09 lbs)	2.5 kg

Get more information

Do you have any question about the LS-S2309TP-EI-DC (02351371)?

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

Specification

LS-S2309TP-EI-DC 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	<p>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.</p>
VLAN features	<p>Supports IEEE 802.1Q (VLAN) and 4096 VLANs.</p> <p>Supports port-based VLAN.</p> <p>Supports MAC-based VLAN.</p> <p>Supports basic QinQ.</p> <p>Supports 1:1 VLAN switching.</p> <p>Supports N:1 VLAN switching.</p>
QoS	<p>Supports port rate limit and traffic rate limit.</p> <p>Supports four queues with different priorities on each port.</p> <p>Supports mapping of packets to different queues based on 802.1p.</p> <p>Supports multiple algorithms including SP, WRR, and SP+WRR.</p> <p>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.</p> <p>Supports traffic-based priority marking and packet redirection.</p>
IPv6 features	<p>Supports IPv6 host functions.</p> <p>Supports static route configuration.</p> <p>Supports IPv6 ACL. Supports MLD v1/v2 snooping.</p>
Multicast	<p>Supports IGMP v1/v2/v3 snooping.</p> <p>Supports multicast load sharing among bundled ports.</p> <p>Supports port-based multicast rate limit and traffic statistics</p>
Port mirroring	<p>Supports 1:1 or N:1 port mirroring.</p> <p>Supports Remote Switched Port Analyzer (RSPAN) and traffic-based mirroring.</p> <p>Supports packet forwarding on an observing port.</p>
Security	<p>Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.</p> <p>Supports dynamic ARP detection. Supports IP Source Guard.</p> <p>Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.</p> <p>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.</p> <p>Supports packet filtering based on MAC addresses.</p> <p>Supports suppression of multicast, broadcast, and unknown single-cast packets. Supports limit on the number of MAC addresses to be learned.</p> <p>Supports CPU protection.</p>
Surge protection	<p>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.</p>
Management	<p>Supports iStack.</p> <p>Supports automatic configuration.</p> <p>Supports CLI configuration.</p> <p>Supports remote configuration and maintenance by using Telnet.</p> <p>Supports SNMP v1/v2/v3. Supports RMON.</p> <p>Supports HGMP v2. Supports SSH v2.</p> <p>Supports Web management.</p> <p>Supports GVRP.</p>
Operating environment	<p>Operating temperature: 0°C to 50°C (long term); -5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)</p>



Power supply	DC: Rated voltage: -48 V to -60 V Maximum voltage: -36 V to -72 V Note: Models supporting PoE do not use DC power supplies.
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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