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Overview

S5328C-SI Mainframe 24 10/100/1000 RJ-45, 4 100/1000 SFP Combo, Chassis, Dual Slots of power, Without Flexible Card and Power Module, Basic layer 3 Features.

Quick Specification

Table 1 shows the quick specification.

Model	LS-S5328C-SI
Part Number	02351823
Description	S5328C-SI Mainframe (20 10/100/1000Base-T ports and 4 gigabit Combo ports, and supports 2 10GE XFP subcards, 4 1000Base-X SFP subcards, 2 10GE SFP+ subcards, and 4 10GE SFP+ subcards, Dual Slots of power, Without Flexible Card and Power Module)
Attributes	Hardware
Category	Basic Configuration
Product Line	Networking
Product Family	Switch
Product Category	S5300
Sub Product Family	Campus Switch
Product Series	S5300
UOM	PCS
Net Dimension (D*W*H mm)	442*420*43
Typic Power (W)	42

Figure 1 shows the appearance of LS-S5328C-SI.



Get more information

Do you have any question about the LS-S5328C-SI (02351823)?

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Specification

LS-S5328C-SI Specification	
Model	LS-S5328C-SI
Part Number	02351823
Description	S5328C-SI Mainframe (24 10/100/1000Base-T, 4 100/1000Base-X Combo, Chassis, Dual Slots of power, Without Flexible Card and Power Module)
Fixed port	twenty-four 10/100/1000Base-T ports
Extended slot	The S5300C provides two extended slots. One supports subcards and the other supports stacking cards.
Forwarding performance	66Mpps
switching capacity	128 Gbit/s
MAC address table	LI/SI: 16 K; EI/HI: 32 K
	Supports learning and aging of MAC addresses.
	Supports static, dynamic, and blackhole MAC address entries.
	Supports packet filtering based on source MAC addresses.
VLAN features	Supports IGMP snooping, IGMP fast leave, multicast VLAN, IGMP proxy, controllable multicast, and port-based multicast traffic statistics.
IPv4 routing	Supports static routing, RIP v1, RIP v2, ECMP, and URP
IPv6 routing	Supports RIPng, manual tunnels, 6-to-4 tunnels, and ISTAP tunnels.
IPv6 features	Supports Neighbor Discovery (ND).
	Supports PMTU.
	Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.
	Supports 6-to-4 tunnels, ISATAP tunnels, and manually configured tunnels.
	Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port, or protocol type.
	Supports MLD v1/v2 snooping.
Multicast	Supports IGMP snooping, IGMP fast leave, multicast VLAN, IGMP proxy, controllable multicast, and port-based multicast traffic statistics.
QoS/ACL	Supports rate limit on packets sent and received by a port.
	Supports packet redirection.
	Supports port-based traffic policing and two-rate three-color CAR.



	Supports eight queues on each port.
	Supports multiple queue scheduling algorithms including WRR, DRR, SP, WRR+SP, and DRR+SP.
	Supports WRED (supported by the S5306 and the S5300HI).
	Supports re-marking of the 802.1p priority and DSCP priority.
	Supports packet filtering based on Layer 2 to Layer 4 information, filtering out invalid frames based on the source MAC address, destination MAC address, source IP address, destination IP address, port number, protocol, and VLAN ID.
	Supports queue-based rate limit and traffic shaping on ports.
Reliability	Supports STP, RSTP, and MSTP.
	Supports BPDU protection, root protection, and loopback protection.
	Supports the RRPP ring topology and RRPP multi-instance.
	Supports the Smart Link tree topology and Smart Link multi-instance to implement millisecond-level protective switchover.
	Supports SEP.
	EI/HI series support BFD for OSPF, BFD for IS-IS, BFD for VRRP, and BFD for PIM.
Security	Supports E-Trunk.
	Supports hierarchical user management and password protection.
	Supports DoS attack defense, ARP attack defense, and ICMP attack defense.
	Supports binding of the IP address, MAC address, port number, and VLAN ID.
	Supports port isolation, port security, and sticky MAC.
	Supports blackhole MAC addresses.
	Supports limit on the number of MAC addresses to be learned.
	Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.
	Supports multiple authentication methods including AAA, RADIUS, HWTACACS, and NAC.
	Supports SSH v2.
Supports CPU protection.	
Supports blacklisting and whitelisting.	
OAM	Software implementation
Management and maintenance	Supports intelligent stacking (The S5300HI and the S5306 do not support this function).
	Supports MAC Forced Forwarding (MFF).
	Supports Virtual Cable Test (VCT).
	Supports Ethernet OAM (IEEE 802.3ah and 802.1ag).
	Supports local port mirroring, Remote Switched Port Analyzer (RSPAN), and packet forwarding on an observing port.
	Supports remote configuration and maintenance by using Telnet.
	Supports SNMP v1/v2/v3.
	Supports RMON.
Supports the Network Management System (NMS) and Web management.	





	Supports HGMP.
	Supports system logs and multi-level alarms.
	Supports Dying gasp power-off alarm (the S5306 only).
	Supports GVRP.
	Supports MUX VLAN.
	Supports the Hypertext Transfer Protocol Secure (HTTPS).
	Supports 802.3az EEE (the S5300HI and the S5306 only).
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)
Input voltage	AC:Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz DC: Rated voltage range: -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	442 mm x 420 mm x 43.6 mm
Power consumption	< 56 W

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