S5710-52C-EI (02353169)

Datasheet

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Overview

Huawei S5710-52C-EI is one of the S5700 Series Switches.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.

Quick Specification

Table 1 show the quick specification.

Model	S5710-52C-EI
Part Number	02353169
Extended Slots	two extended slots that support uplink sub-cards
Subcards supported	2 x 10 GE SFP+ subcard, 8 x 10/100/1,000 BASE-T subcard, and 8 x 1,000 Base-X subcard
Switching Capacity	416 Gbit/s
Forwarding Performance	192 Mpps
Fixed Interfaces	48 x 10/100/1,000 Base-T ports, 4 x 10 GE SFP+ ports
Power Supply	Double hot-swappable AC/DC power supplies
Memory (RAM)	512 MB
Flash	V200R001: 64 MB V200R002 and later versions: 200 MB
Dimensions (W x D x H)	442.0 mm x 420.0 mm x 44.4 mm (17.4 in. x 16.5 in. x 1.75 in.)
Weight	Empty: ⩽ 6 kg (13.23 lb) Fully loaded: ⩽ 10 kg (22.05 lb)

Figure 1 shows the appearance of S5710-52C-EI.

Product Details

Figure 2 shows the front panel of S5710-52C-EI.
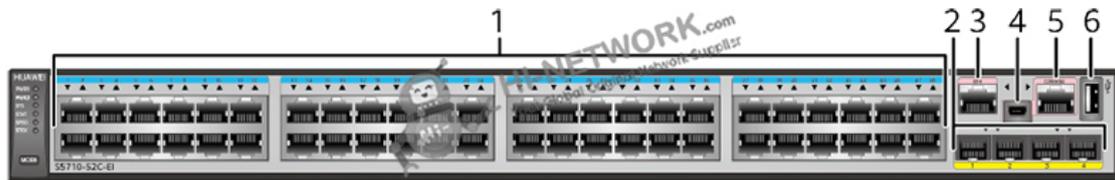
Note:

(1)	Forty-eight 10/100/1000BASE-T ports	(4)	One mini USB port
(2)	Four 10GE SFP+ ports	(5)	One console port
(3)	One ETH management port	(6)	One USB port

Figure 3 shows the back panel of S5710-52C-EI.
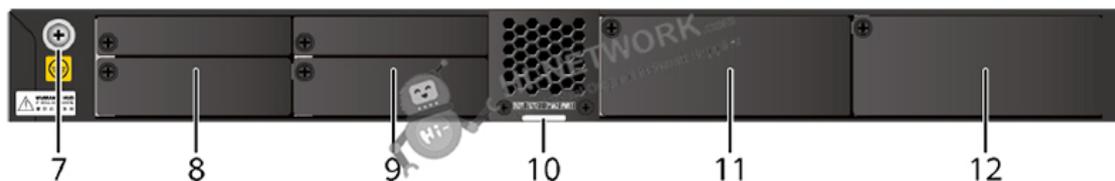
Note:

(7)	Ground screw	(10)	ESN label
(8)	Rear card slot 1	(11)	Power module slot 2
(9)	Rear card slot 2	(12)	Power module slot 1

· You can draw ESN label out to view the ESN and MAC address of the switch.

· The switch doesn't provide power supply. The AC or DC power supply must be purchased separately.

Recommended Modules

Table 2 shows the recommended modules.

Model	Description
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)

10G-SFP+ Optical Transceiver	
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
OMXD30000	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode 1310nm, 10km, LC)
GE Copper Transceiver	
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)
10GE Interface Card	
ES5D21X02S00	2 10 Gig SFP+ interface card (used in S5710EI series)
GE Interface Card	
ES5D21G08T00	8 Ethernet 10/100/1000 ports interface card (used in S5710EI series)
ES5D21G08S00	8 Gig SFP interface card (used in S5710EI series)

Compare with Similar Item

Table 3 shows the comparison of S5710-52C-EI, S5700-28C-EI and S5710-28C-PWR-EI-AC.

Model	S5710-52C-EI	S5710-28C-PWR-EI-AC	S5700-28C-EI
Switching Capacity	416 Gbit/s	416 Gbit/s	256 Gbit/s
Forwarding Performance	192 Mpps	156 Mpps	96 Mpps
Fixed Interfaces	48 x 10/100/1,000 Base-T ports, 4 x 10 GE SFP+ ports	24 Ethernet 10/100/1,000 ports, 4 of which are dual-purpose 10/100/1,000 or SFP, 4 x 10 Gig SFP+ ports	24 x 10/100/1,000 Base-T
PoE Available	No	PoE+	No
Extended Slots	two extended slots for uplink subcards.	two extended slots for uplink subcards.	two extended slots, one for an uplink subcard and the other for a stack card.

Get more information

Do you have any question about the S5710-52C-EI (02353170)?

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

Specification

S5710-52C-EI Specification

Manufacturer	Huawei
Manufacturer Part Number	S5710-52C-EI
Form Factor	Fixed, Stackable
Switch Port	48 GE ports, 4 10GE SFP+ ports
Power Over Ethernet (PoE)	Non-POE
Extended slot	Provides Two extended slots
Max Number of Stacks	48Gbps
DRAM Memory	256 MB
Flash Memory	32 MB
Performance	
Forwarding performance	192 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 RIPng
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

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	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

Power Supply Specifications	
Power Device	NO Power supply
Power Redundancy	No
Voltage Required	AC 120/230 V (50/60 Hz)

Dimensions / Weight / Miscellaneous	
Width	44cm
Depth	42cm
Height	43.6cm
Weight	12.5kg
MTBF	37years

System Software	
Software Version	Standard Version

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