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Overview

Huawei S5710-52C-PWR-EI-AC 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
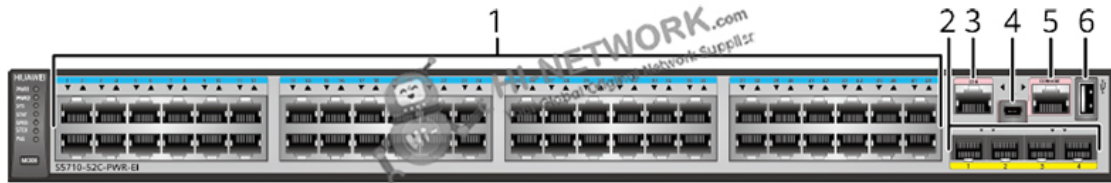
Table 1 show the quick specification.

Model	S5710-52C-PWR-EI-AC
Part Number	02354042
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
PoE Available	PoE+
Power Supply	Double hot-swappable AC power supplies (A 580W AC power unit is included in S5710-52C-PWR-EI-AC model)
Memory (RAM)	512 MB
Flash	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)

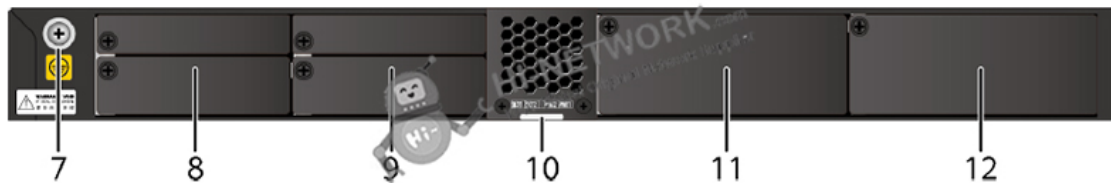**Figure 1 shows the appearance of S5710-52C-PWR-EI-AC.**

Product Details

Figure 2 shows the front panel of S5710-52C-PWR-EI-AC.

Note:

(1)	Forty-eight PoE+ 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-PWR-EI-AC.

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 Modules, Cards

Table 2 shows the recommended elements for the S5710-52C-PWR-EI-AC.

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 Module (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-PWR-EI-AC and S5710-28C-PWR-EI-AC.

Model	S5710-52C-PWR-EI-AC	S5710-28C-PWR-EI-AC
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	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	416 Gbit/s
Forwarding Performance	192 Mpps	156 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
PoE Available	PoE+	PoE+

Get more information

Do you have any question about the S5710-52C-PWR-EI-AC (02354042)?

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

Specification

S5710-52C-PWR-EI-AC Specification	
Fixed port	48 x 10/100/1000Base-T, 4 × 10GE SFP+
MAC address table	IEEE 802.1d compliance MAC address learning and aging Static, dynamic, and blackhole MAC address entries

	Packet filtering based on source MAC addresses
VLAN	4K VLANs
	Guest VLAN and voice VLAN
	GVRP
	MUX VLAN
	VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports
	1:1 and N:1 VLAN Mapping
Ring protection	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
	BPDU Tunnel
Reliability	Ethernet OAM (IEEE 802.3ah and 802.1ag)
	ITU-Y.1731
	DLDP
	LACP
MPLS features	MPLS L3VPN
	MPLS L2VPN(VPWS/VPLS)
	MPLS-TE
	MPLS QoS
	Notes: supported by S5710-EI, S5700-HI and S5710-HI
IP routing	Static routing
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
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
	WRED (supported by the S5710-EI and S5700-HI)
	Re-marking of the 802.1p priority and DSCP priority
	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, TCP/UDP 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
	MFF
	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
Access Security	DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security
Management and maintenance	Virtual cable test
	Port mirroring and RSPAN (remote port mirroring)
	Remote configuration and maintenance using Telnet
	SNMP v1/v2c/v3
	RMON
	Web NMS
	HGMP
	System logs and alarms of different levels
	802.3az EEE (supported by the S5700(S)-LI, S5710-EI, S5700-HI and S5710-HI)
	NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)
Interoperability	Supports VBST (Compatible with PVST/PVST+/RPVST)
	Supports LNP (Similar to DTP)
	Supports VCMP (Similar to VTP)
Operating environment	Operating temperature: 0℃–50℃
	Relative humidity: 10%–90% (non-condensing)
Input voltage	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
	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)	442 x 420 x 43.6 mm
Power consumption	< 1043W with two 580W AC supplies (PoE:740W), or <1625W with two 1150W AC supplies (PoE:1440W)

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