

S5710 Series

Layer3 Managed Ethernet Switch



- 10/100/1000M/ Ethernet port
- 10G SFP+ uplink port
- 96Gbps/216Gbps switching capacity
- 802.3az energy saving
- Single power supply
- Layer3 static & dynamic routing
- Support stacking function

Product Overview

S5710 has series of fully Gigabit Layer 3 managed stackable Ethernet switches, support up to 8/24/48 Gigabit ports and 10G SFP+ uplink ports, which own complete layer 2 functions such as QoS, VLAN, IGMP Snooping/GMRP, Port Trunking, SNMP V1/V2/V3, RSTP/STP/ERPS, etc. It also supports layer 3 functions such as static routing, RIP V1/V2, OSPF, VRRP, etc. protocol. Optional AC+DC dual power supply, has wide temperature design, strong anti-electromagnetic, and interference capability, This switch is a good solution for enterprise or telecom networks.

Feature & Specification

Attribute	S5710-12TX	S5710-28TX	S5710-28SX	S5710-48T4SX	S5710-54TX
Interface	8*10/100/1000M Base-T	24*10/100/1000M Base-T	20*1G SFP 4*10/100/1000M Combo	48*10/100/1000M Base-T	48*10/100/1000M Base-T
Uplink Port	4*10G SFP+	4*10G SFP+	4*10G SFP+	4*10G SFP+	6*10G SFP+
Chipset	RTL9301 Series			RTL9311 series	
Switching Capacity	96Gbps	128Gbps		176Gbps	216Gbps
Forwarding Rate	71.43Mpps	95.24Mpps		130.944Mpps	160.71Mpps
MAC Address	16K				32K
RAM/Flash	RAM: 512MB; Flash: 32MB				
Power Supply	AC: 100 ~ 240V; 50/60Hz; DC: 47V ~ 63V				
Power Consumption	Idle≤10W Full load≤20W	Idle≤13W Full load≤30W	Idle≤13W Full load≤58W	Idle≤30W Full load≤60W	Idle≤25W Full load≤53W
Dimension (L*W*H)	270*180*44mm	440*210*44mm	440*210*44mm	440*260*44mm	440*290*44mm
Environment Temperature	Working Temperature: -10°C~ 50°C Storage Temperature: -40°C~ 70°C Relative Humidity: 5%~95%, non-condensing				
Software Features					
VLAN	MAC and protocol VLAN, QinQ and flexible QinQ				
Ring Protocol	STP/RSTP/MSTP, ERPS				
Port Control	Support				
Port Aggregation	Static link aggregation Support dynamic LACP				
Mirroring	Support				
ACL	Support standard and extended ACL				
QoS	802.1P, DSCP priority				
Safety	IEEE 802.1X authentication, Radius & TACACS+ authentication				
Layer3 Routing	Static/dynamic routing, RIP/OSPF/BGP/IS-IS				
Management	CLI,Telnet,WEB,SNMP V1/V2/V3, SSH				

S5710 Series

Layer3 Managed Ethernet POE Switch



- 10/100/1000M/ Ethernet POE port
- 10G SFP+ uplink port
- 128Gbps/176Gbps switching capacity
- 802.3az energy saving
- Single power supply
- Layer3 static & dynamic routing
- Support stacking function

Product Overview

Designed for enterprises and carriers, the S5710 PoE series provides cost-effective Gigabit access and 10G uplinks. These Layer 3 switches combine high-performance, line-speed forwarding with industry-leading energy efficiency via Green Ethernet. They offer up to 415W/760W PoE, advanced QoS/ACL, robust security features, plus sFlow, mirroring, Q-in-Q, and policy-based IPv4/IPv6 routing.

Feature & Specification

Attribute	S5710-28TP	S5710-48TP4SX
Interface	24*10/100/1000M Base-T (PoE)	48*10/100/1000M Base-T
Uplink Port	4*10G SFP+	6*10G SFP+
Chipset	RTL9301 Series	RTL9311 series
Switching Capacity	128Gbps	176Gbps
Forwarding Rate	95.24Mpps	130.944Mpps
PoE Standard	IEEE 802.3.af/at	
PoE Budget	415W	760W
MAC Address	16K	32K
RAM/Flash	RAM: 512MB; Flash: 32MB	
Power Supply	AC: 100 ~ 240V; 50/60Hz; DC: 47V ~ 63V	
Power Consumption	Idle≤15W Full load≤450W	Idle≤30W Full load≤820W
Dimension (L*W*H)	440*260*44mm	440*290*44mm
Environment Temperature	Working Temperature: -10°C~ 50°C Storage Temperature: -40°C~ 70°C Relative Humidity: 5%~95%, non-condensing	
Software Features		
VLAN	Support 4K VLAN; Support VLAN based on port, MAC and protocol Support dual Tag VLAN; Access/Trunk/Hybrid	
Port Control	Support two-way bandwidth control; Support port storm suppression	
ARP	Static and dynamic ARP entries; Aging of ARP entries; ARP-Proxy	
Port Aggregation	Static link aggregation Support dynamic LACP	
Mirroring	Supports multi-port mirroring analysis; Service flow-based image analysis	
ACL	Support standard and extended ACL	
QoS	COS/DSCP priority, SP + WRR mixed scheduling	
Safety	Support Radius & TACACS+ authentication; Support port isolation	
Layer3 Routing	Support IPv4static route; Support dynamic route RIP/OSPF; Support IPv4/IPv6 dual-stack platform	
Management	CLI, Telnet, WEB, SNMP V1/V2/V3, SSH	