



Product Specifications

Item	S2300-EI					
	S2309TP	S2309TP-PWR	S2318TP	S2326TP	S2326TP-PWR	S2352P
Interface description	eight 10/100Base-TX interfaces, one Combo interface (10/100/1000Base-T or 100/1000Base-X)	eight 10/100Base-TX interfaces, one Combo interface (10/100/1000Base-T or 100/1000Base-X)	sixteen 10/100Base-TX interfaces, two Combo interfaces (10/100/1000Base-T or 100/1000Base-X)	twenty-four 10/100Base-TX interfaces, two Combo interfaces (10/100/1000Base-T or 100/1000Base-X)	twenty-four 10/100Base-TX interfaces, two Combo interfaces (10/100/1000Base-T or 100/1000Base-X)	forty-eight 10/100Base-TX interfaces, two 100/1000Base-X SFP interfaces, and two 1000Base-X SFP interfaces
Forwarding capacity	2.7 Mpps	2.7 Mpps	5.4 Mpps	6.6 Mpps	6.6 Mpps	13.2 Mpps
Interface switching capacity	3.6 Gbps	3.6 Gbps	7.2 Gbps	8.8 Gbps	8.8 Gbps	17.6 Gbps
MAC address table	<p>Supports the 8K MAC address table.</p> <p>Adds or removes a MAC address entry manually.</p> <p>Sets the aging time of MAC addresses.</p> <p>Disables MAC address learning on an interface or in an aggregation group.</p> <p>Supports the limit to MAC address learning on an interface.</p> <p>Supports blackhole MAC addresses.</p>					
VLAN features	<p>Supports a maximum of 4K VLANs defined in IEEE 802.1Q.</p> <p>Supports interface-based VLANs.</p> <p>Supports MAC address-based VLANs.</p>					



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	Supports basic QinQ. Supports 1:1 VLAN switching. Supports N:1 VLAN switching.					
QoS	Supports the interface limit and flow limit. Supports four queues with different priorities on each interface. Supports the algorithms of SP, WRR, and SP+WRR. Supports packet queuing based on the 802.1p priority of packets.					
	Supports traffic classification based on the source MAC address, destination MAC address, source IP address, destination IP address, Layer 4 interface, IP protocol type, VLAN, Ethernet protocol type, and CoS. Supports the marking and redirection of packets based on flows.					
IPv6 features	Supports IPv6 hosts. Configures static routes. Supports IPv6 ACLs. Supports MLD snooping.					
Multicast	Supports IGMPv1/v2/v3 snooping. Supports multicast load balancing on trunk interfaces. Limits the rate of multicast packets and collects traffic statistics on interfaces.					
Interface mirroring	Supports 1:1 mirroring or N:1 interface mirroring.					
	Supports flow mirroring.					
Network security	Supports IEEE 802.1x and limits the maximum number of users on each port. Supports dynamic ARP inspection. Supports IP source guard.					



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	<p>Supports AAA authentication such as RADIUS authentication and HWTACACS+ authentication.</p> <p>Supports the binding of the IP address, MAC address, and interface.</p> <p>Supports the interface limit.</p> <p>Supports interface isolation and security.</p> <p>Supports packet filtering.</p> <p>Supports MAC address filtering.</p> <p>Supports suppression of multicast, broadcast, and unknown unicast packets.</p> <p>Limits the number of learnt MAC addresses.</p> <p>Supports CPU protection.</p>					
Lightning protection	All service interfaces support 6 KV lightning protection or even 15 KV lightning protection if additional lightning arresters are installed.					
Management	<p>Supports the automatic configuration.</p> <p>Configures command lines.</p> <p>Supports the configuration of Telnet.</p> <p>Supports SNMPv1/v2/v3.</p> <p>Supports RMON.</p> <p>Supports HGMPv2.</p> <p>Supports SSHv2.</p> <p>Support WEB NMS.</p>					
Environmental requirements	Temperature: 0°C to 50°C Relative humidity: 10% to 90% (non-condensing)					
Power supply	<p>AC:</p> <p>Rated voltage: 100 V to 240 V AC; 50/60 Hz</p> <p>Maximum voltage: 90 V to 264 V AC; 50/60 Hz</p>					
	<p>DC:</p> <p>Rated voltage: -48 V to -60 V DC</p> <p>Maximum voltage: -36 V to -72 V DC</p>					



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Dimensions (width x depth x height))	S2309TP-EI: 250 x 180 x 43.6 S2309TP-PWR-EI: 320 x 220 x 43.6 S2318TP-EI, S2326TP-EI: 442 x 220 x 43.6 S2326TP-PWR-EI: 442 x 420 x 43.6 S2352P-EI: 442 x 220 x 43.6					
Weight	< 1.4 kg	< 2.48 kg	< 2.4 kg	< 2.4 kg	< 3.99 kg (exclusive of the power supply module)	< 3 kg
Power consumption	< 12.8 W	Maximum of the full-loaded power consumption: 154 W Output PoE power supply: 124 W	< 14.5 W	< 15.5 W	Maximum of the full-loaded power consumption: 438 W Output PoE power supply: 370 W	< 38 W