

Comparison between Huawei S2700-SI & S2700-EI Series Switches

Specifications	S2700-SI	S2700-EI
Switching Capacity	32 Gbit/s	32 Gbit/s
Forwarding Performance	2.7 Mpps/5.4 Mpps/6.6 Mpps/13.2 Mpps	2.7 Mpps/5.4 Mpps/6.6 Mpps/13.2 Mpps
Port Descriptions	<ul style="list-style-type: none"> - Downlink: 8/16/24/48 x 10/100 Base-TX Ethernet ports - Uplink: 2/4 x GE ports 	<ul style="list-style-type: none"> - Downlink: 8/16/24/48 x 10/100 Base-TX Ethernet ports - Uplink: 2/4 x GE ports
MAC Address Table	<ul style="list-style-type: none"> - 8K MAC address entries - Manual deletion of dynamic MAC address entries - Configurable aging time of MAC addresses - Blackhole MAC address entries 	<ul style="list-style-type: none"> - 8K MAC address entries - Manual deletion of dynamic MAC address entries - Configurable aging time of MAC addresses - MAC address learning control based on ports - Blackhole MAC address entries
VLAN	<ul style="list-style-type: none"> - 4K active VLANs, complying with IEEE 802.1Q - Port-based VLAN assignment 	<ul style="list-style-type: none"> - 4K active VLANs, complying with IEEE 802.1Q - Port-based VLAN assignment - MAC address-based assignment - Port-based QinQ
QoS	<ul style="list-style-type: none"> - Outbound port-based rate limiting - 4 or 8 queues of different priorities on each port - Mapping between 802.1p priorities and queues - SP, WRR, and SP + WRR algorithms 	<ul style="list-style-type: none"> - Port-based rate limiting - 4 or 8 queues of different priorities on each port - Mapping between 802.1p priorities and queues - SP, WRR, and SP + WRR algorithms
IPv4 routing	<ul style="list-style-type: none"> - Static routing - RIP v1/v2 (S2750-EI) 	
IPv6 Features	<ul style="list-style-type: none"> - IPv6 protocol - Static IPv6 routes 	<ul style="list-style-type: none"> - IPv6 protocol - Static IPv6 routes - MLD v1/v2 snooping
Multicast	<ul style="list-style-type: none"> - IGMP v1/v2/v3 snooping - Port-based rate limiting for multicast packets 	<ul style="list-style-type: none"> - MVLAN - Controllable multicast - IGMP v1/v2/v3 snooping - Port-based rate limiting for multicast packets

Note: The words in blue are the differences between the two series.