Huawei S5700-LI Series Comparison

Specifications	S5700(-X)-LI Series | S5700-LI-CSFP | S5701-X-LI Series	S5700S-LI Series	S5700-LI-BAT Series
Switching Capacity	256 Gbit/s	256 Gbit/s	256 Gbit/s
Forwarding Performance	15 Mpps | 42 Mpps | 96 Mpps | 78 Mpps | 132 Mpps	S5700S-28P-LI-AC: 42 Mpps S5700S-52P-LI-AC: 78 Mpps	42 Mpps
MAC Address Table	16K		
VLAN	4K		
Ring Network Protection	RRPP ring topology and RRPP multi-instance Smart Link tree topology and Smart Link multi-instance, providing millisecond-level protection switchover Smart Ethernet Protection (SEP) STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s) BPDU protection, root protection, and loop protection BPDU tunnel		
IP Routing	Static route, RIP, RIPng (excluding S5700-10P-LI-AC, S5700-10P-PWR-LI-AC)		
Multicast	IGMPv1/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		
Security	Hierarchical user management and password protection AAA authentication Limit on the number of learned MAC addresses NAC DHCP relay, DHCP server, DHCP snooping, DHCP security, and DHCP SAVI Port isolation, port security, and sticky MAC MFF		
Surge Protection	Surge protection capability of service ports: 6 kV		
Battery Management	Web-based management system used to check the battery status and manage the battery (supported by battery LAN switches)		
Interoperability	VBST (Compatible with PVST/PVST+/RPVST) LNP (Similar to DTP) VCMP (Similar to VTP)		