

Comparison of Huawei S5700-LI, SI, EI and HI Series Switches

Specifications	S5700-LI	S5700-SI	S5700-EI	S5700-HI
Switching Capacity	256 Gbit/s	256 Gbit/s	256 Gbit/s 416 Gbit/s	256 Gbit/s 1,024 Gbit/s
Forwarding Performance	15 Mpps 42 Mpps 78 Mpps 96 Mpps 132 Mpps	36 Mpps 66 Mpps 72 Mpps 96 Mpps 132 Mpps	96 Mpps 132 Mpps 156 Mpps 192 Mpps	96 Mpps 504 Mpps
Port Description	- 8 x 10/100/1,000 Base-T Ethernet ports, 2 x GE SFP ports - 12 x 10/100/1,000 Base-T Ethernet PoE+ ports, 12 x 10/100/1,000 Base-T Ethernet ports - 24 x 10/100/1,000 Base-T Ethernet ports, 4 x GE SFP ports - 48 x 10/100/1,000 Base-T Ethernet ports, 4 x GE SFP ports	- 12 x 10/100/1,000 BASE-T, 12 x 100/1,000 Base-X, 2 x 10 GE SFP+ - 24 x 10/100/1,000 Base-T, four GE SFP combo - 48 x 10/100/1,000 Base-T, four GE SFP combo - 48 x 10/100/1,000 Base-T	- 24 x 10/100/1,000 Base-T ports - 24 x 100/1,000 Base-X ports, two 10/100/1,000 Base-T combo ports - 24 x 10/100/1,000 Base-T, two GE SFP combo ports, 4 x 10 GE SFP+ ports - 48 x 10/100/1,000 Base-T ports - 48 x 10/100/1,000 Base-T ports, 4 x 10 GE SFP+ ports	- 24 x 10/100/1,000 Base-T - 24 x 10/100/1,000 Base-X - 48 x 10/100/1,000 Base-T, and 8 x 10 GE SFP+
MAC Address Table	16K MAC	IEEE 802.1d compliance MAC address learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses 16K MAC	IEEE 802.1d compliance MAC address learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses 32K MAC	32K MAC 456K MAC
VLAN	4K VLANs	4K VLANs Guest VLAN and voice VLAN GVRP MUX VLAN Super VLAN 1:1 and N:1 VLAN mapping VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports	4K VLANs Guest VLAN and voice VLAN GVRP MUX VLAN Super VLAN 1:1 and N:1 VLAN mapping VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports	4K VLANs Guest VLAN and voice VLAN GVRP MUX VLAN 1:1 and N:1 VLAN Mapping VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports
IP Routing	Static route, RIP, RIPng (excluding S5700-10P-LI-AC, S5700-10P-PWR-LI-AC)	Static route Layer 3 dynamic route	Static route Layer 3 dynamic route	Static route, RIPv1, RIPv2, RIPng, OSPF, OSPFv3, IS-IS, IS-ISv6, BGP, BGP4+, ECMP, and routing policy

Note: The words in blues are the biggest differences of four series.