Product Overview

The S5320-EI series enhanced gigabit Ethernet switches (S5320-EI for short) are next-generation energy-saving switches developed by Huawei to meet the demand for high-bandwidth access and Ethernet multi-service aggregation. Based on the cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software, the S5320-EI provides a large switching capacity and high-density GE ports to implement 10 Gbit/s upstream transmissions. The S5320-EI is for use in various network scenarios. For example, it can function as an edge device on the MAN, an access or aggregation switch on a campus network, a gigabit access switch in an Internet data center (IDC), or a desktop switch to provide 1000 Mbit/s access for terminals. The S5320-EI is easy to install and maintain, reducing workloads for network planning, construction, and maintenance. The S5320-EI uses advanced reliability, security, and energy conservation technologies, helping enterprise customers build a next generation IT network.

Appearance

Appearance	Description
 S5320-32P-EI-AC  S5320-32P-EI-DC	• 24x10/100/1000Base-T Ethernet ports,4x100/1000Base-X SFP ports, and 4x1000Base-X SFP ports • Two models: AC model and DC model, supporting Redundant Power Supply (RPS), power socket on the front panel • Packet forwarding rate: 48 Mpps
 S5320-32X-EI-AC  S5320-32X-EI-DC	• 24x10/100/1000Base-T Ethernet ports, 4x100/1000Base-X SFP ports, and 4x10G SFP+ ports • Two models: AC model and DC model, supporting RPS, power socket on the front panel • Packet forwarding rate: 102Mpps
 S5320-32X-EI-24S-AC  S5320-32X-EI-24S-DC	• 24x100/1000Base-X SFP ports, 4x10/100/1000Base-T Ethernet ports, and 4 10G SFP+ ports • Two models: AC model and DC model, supporting RPS, power socket on the front panel • Packet forwarding rate: 102 Mpps
 S5320-36C-EI-28S-AC	• 28x100/1000Base-X SFP ports, 4x combo 10/100/1000Base-T Ethernet ports, and 4x10G SFP+ ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is

Appearance	Description
S5320-36C-EI-28S-DC	configured by default • Packet forwarding rate:132 Mpps
 S5320-36C-EI-AC S5320-36C-EI-DC	• 28x10/100/1000Base-T Ethernet ports,4x combo 100/1000Base-X SFP ports, and 4x 10G SFP+ ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 132 Mpps
 S5320-36C-PWR-EI-AC S5320-36C-PWR-EI-DC	• 28x10/100/1000Base-T Ethernet ports, 4x combo 100/1000Base-X SFP ports, and 4x 10G SFP+ ports • PoE+ • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 132 Mpps
 S5320-36PC-EI-AC S5320-36PC-EI-DC	• 28x10/100/1000Base-T Ethernet ports, 4x combo 100/1000Base-X SFP ports, and 4x 1000Base-X SFP ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 78 Mpps
 S5320-50X-EI-AC  S5320-50X-EI-DC	• 46x10/100/1000Base-T Ethernet ports and 4x10G SFP+ ports • Two models: AC model and DC model, supporting RPS, power socket on the front panel • Packet forwarding rate: 129 Mpps
 S5320-50X-EI-46S-AC  S5320-50X-EI-46S-DC	• 46x100/1000Base-X SFP ports and 4x10G SFP+ ports • Two models: AC model and DC model, supporting RPS, power socket on the front panel • Packet forwarding rate: 129 Mpps
 S5320-52X-EI-AC S5320-52X-EI-DC	• 48x10/100/1000Base-T Ethernet ports and 4x10G SFP+ ports • Two models: AC model and DC model, supporting RPS • Packet forwarding rate: 132 Mpps
 S5320-52P-EI-AC	• 48x10/100/1000Base-T Ethernet ports and 4x1000Base-X SFP ports • Two models: AC model and DC model, supporting RPS

Appearance	Description
S5320-52P-EI-DC	• Packet forwarding rate: 78 Mpps
 S5320-56C-EI-48S-AC S5320-56C-EI-48S-DC	• 48x100/1000Base-X SFP ports and 4x10G SFP+ ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 162 Mpps
 S5320-56C-EI-AC S5320-56C-EI-DC	• 48x10/100/1000Base-T Ethernet ports and 4x10G SFP+ ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 162 Mpps
 S5320-56C-PWR-EI-AC	• 48x10/100/1000Base-T Ethernet ports and 4x10G SFP+ ports • PoE+ • Double hot swappable AC/DC power supplies, one AC power module is configured by default • Packet forwarding rate: 162 Mpps
 S5320-56PC-EI-AC S5320-56PC-EI-DC	• 48x10/100/1000Base-T Ethernet ports and 4x1000Base-X SFP ports • Two models: AC model and DC model, double hot swappable AC/DC power supplies, one power module is configured by default • Packet forwarding rate: 108 Mpps

Product Characteristics and Advantages

- **Comprehensive reliability mechanisms**

Besides STP, RSTP, and MSTP, the S5320-EI supports enhanced Ethernet reliability technologies such as Smart Link and RRPP (Rapid Ring Protection Protocol), which implement millisecond-level protection switchover and ensure network reliability. It also provides Smart Link multi-instance and RRPP multi-instance to implement load balancing among links, optimizing bandwidth usage.

The S5320-EI supports enhanced trunk (E-Trunk) that enables a CE to be dual-homed to two PEs (S5320s). E-Trunk greatly enhances link reliability between devices and implements link aggregation between devices. This improves reliability of access devices.

The S5320-EI supports the Smart Ethernet Protection (SEP) protocol, a ring network protocol applied to the link layer on an Ethernet network. SEP can be used on open ring networks and can be deployed on upper-layer aggregation devices to provide fast switchover (within 50 ms), ensuring non-stop transmission of services. SEP features simplicity, high reliability, fast

switchover, easy maintenance, and flexible topology, facilitating network planning and management.

The S5320-EI supports Ethernet Ring Protection Switching (ERPS), also referred to as G.8032. As the latest ring network protocol, ERPS was developed based on traditional Ethernet MAC and bridging functions and uses mature Ethernet OAM function and a Ring Automatic Protection Switching(R-APS) mechanism to implement millisecond-level protection switching. ERPS supports various services and allows flexible networking, helping customers build a network with lower OPEX and CAPEX.

The S5320-EI supports redundant power supplies, and can use an AC power supply and a DC power simultaneously. Users can choose a single power supply or use two power supplies to ensure device reliability.

The S5320-EI supports VRRP, and can set up VRRP groups with other Layer 3 switches. VRRP provides redundant routes to ensure stable and reliable communication. Multiple equal-cost routes to an uplink device can be configured on the S5320-EI to provide route redundancy. When an active route is unreachable, traffic is switched to a backup route.

The S5320-EI supports Bidirectional Forwarding Detection (BFD) and provides millisecond-level detection for protocols such as OSPF, IS-IS, VRRP, and PIM to improve network reliability. The S5320-EI complies with IEEE 802.3ah and 802.1ag. IEEE 802.3ah defines the mechanism for detecting faults on direct links over the Ethernet in the first mile, and 802.1ag defines the mechanism for end-to-end service fault detection. The S5320-EI supports Y.1731. Besides fast end-to-end service fault detection, the S5320-EI can use the performance measurement tools defined in Y.1731 to monitor network performance, providing accurate data about network quality.

- **Well-designed QoS policies and security mechanisms**

The S5320-EI implements complex traffic classification based on packet information such as the 5-tuple, IP precedence, ToS, DSCP, IP protocol type, ICMP type, TCP/UDP port number, VLAN ID, Ethernet protocol type. ACLs can be applied to inbound or outbound direction on an interface. The S5320-EI supports a flow-based two-rate three-color CAR. Each port supports eight priority queues and multiple queue scheduling algorithms such as WRR, DRR, PQ, WRR+PQ, and DRR+PQ. All of these ensure the quality of voice, video, and data services.

The S5320-EI provides multiple security measures to defend against Denial of Service (DoS) attacks, and attacks against networks or users. DoS attack types include SYN Flood attacks, Land attacks, Smurf attacks, and ICMP Flood attacks. Attacks to networks refer to STP BPDU/root attacks. Attacks to users include bogus DHCP server attacks, man-in-the-middle attacks, IP/MAC spoofing attacks, DHCP request flood attacks. DoS attacks that change the CHADDR field in DHCP packets are also attacks against users.

The S5320-EI supports DHCP snooping, which discards invalid packets that do not match any binding entries, such as ARP spoofing packets and IP spoofing packets. This prevents man-in-the-middle attacks to campus networks that hackers initiate by using ARP packets. The interface connected to a DHCP server can be configured as a trusted interface to protect the system against bogus DHCP server attacks.

The S5320-EI supports strict ARP learning, which prevents ARP spoofing attacks that will exhaust ARP entries. It also provides IP source check to prevent DoS attacks caused by MAC address spoofing, IP address spoofing, and MAC/IP spoofing.

The S5320-EI supports centralized MAC address authentication, 802.1x authentication, and NAC. It authenticates users based on statically or dynamically bound user information such as the user name, IP address, MAC address, VLAN ID, access interface, and flag

indicating whether antivirus software is installed. VLANs, QoS policies, and ACLs can be applied to users dynamically.

The S5320-EI can limit the number of MAC addresses learned on an interface to prevent attackers from exhausting MAC address entries by using bogus source MAC addresses. This function minimizes packet flooding that occurs when MAC addresses of users cannot be found in the MAC address table.

- **Powerful support for services**

The S5320-EI supports IGMP v1/v2/v3 snooping, IGMP filter, IGMP fast leave, and IGMP proxy. It supports line-speed replication of multicast packets between VLANs, multicast load balancing among member interfaces of a trunk, and controllable multicast, meeting requirements for IPTV services and other multicast services.

The S5320-EI provides the Multi-VPN-Instance CE (MCE) function to isolate users in different VPNs on a device, ensuring data security and reducing costs.

- **Fine-grained traffic management**

The S5320-EI supports the Sampled Flow (sFlow) function, which uses a sampling mechanism to obtain statistics about traffic forwarded on a network and sends the statistics to the Collector in real time. The Collector analyzes traffic statistics to help customers manage network traffic efficiently. The S5320-EI integrates the sFlow Agent module and uses hardware for traffic monitoring. Unlike traffic monitoring through port mirroring, sFlow does not degrade network performance during traffic monitoring.

- **Easy deployment and maintenance free**

The S5320-EI supports automatic configuration, plug-and-play, and batch remote upgrade. These capabilities simplify device management and maintenance and reduce maintenance costs. The S5320-EI supports SNMP v1/v2/v3 and provides flexible methods for managing devices. Users can manage the S5320-EI using the CLI and Web NMS. The NQA function helps users with network planning and upgrading. In addition, the S5320-EI supports NTP, SSH v2, HWTACACS+, RMON, log hosts, and port-based traffic statistics.

The S5320-EI supports the GARP VLAN Registration Protocol (GVRP), which dynamically distributes, registers, and propagates VLAN attributes to reduce manual configuration workloads of network administrators and to ensure correct VLAN configuration. In a complex network topology, GVRP simplifies VLAN configuration and reduces network communication faults caused by incorrect VLAN configuration.

The S5320-EI supports MUX VLAN. MUX VLAN isolates Layer 2 traffic between interfaces in a VLAN. Interfaces in a subordinate separate VLAN can communicate with ports in the principal VLAN but cannot communicate with each other. MUX VLAN is usually used on an enterprise intranet to isolate user interfaces from each other but allow them to communicate with server interfaces. This function prevents communication between network devices connected to certain interfaces or interface groups but allows the devices to communicate with the default gateway.

- **PoE function**

The S5320-EI PWR can use PoE power supplies with different power levels to provide -48V DC power for Powered Devices (PDs) such as IP phones, WLAN APs, and Bluetooth APs. In its role as Power Sourcing Equipment (PSE), the S5320-EI PWR complies with IEEE 802.3af and 802.3at (PoE+) and can work with PDs that are incompatible with 802.3af or 802.3at. Each port provides a maximum of 30 W power, complying with IEEE 802.3at. The PoE+ function increases the maximum power of each port and implements intelligent power management for high-power consumption applications. This facilitates the use of PDs. PoE

ports can work in power-saving mode. The S5320-EI PWR provides improved PoE solutions. Users can configure whether and when a PoE port supplies power.

- **High scalability**

The S5320-EI supports intelligent stacking (iStack). Multiple S5320-EI switches can be connected with stack cables to set up a stack, which functions as a virtual switch. A stack consists of a master switch, a backup switch, and several slave switches. The backup switch takes over services when the master switch fails, reducing service interruption time. Stacks support intelligent upgrade so that users do not need to change the software version of a switch when adding it to a stack. The iStack function allows users to connect multiple switches with stack cables to expand system capacity. These switches can be managed using a single IP address, which greatly reduces the costs of system expansion, operation, and maintenance. Compared with traditional networking technologies, iStack has advantages in scalability, reliability, and system architecture.

The iStack stacking architecture is designed for rapid failover capability with n-1 master redundancy, distributed Layer 2 and Layer 3 switching, link aggregation across the stack, and within 200 millisecond failover in most cases for path failure and hitless master/backup failover.

- **Various IPv6 features**

The S5320-EI supports IPv4/IPv6 dual stack and can migrate from an IPv4 network to an IPv6 network. S5320-EI hardware supports IPv4/IPv6 dual stack, IPv6 over IPv4 tunnels (including manual tunnels, 6to4 tunnels, and ISATAP tunnels), and Layer 3 line-speed forwarding. The S5320-EI can be deployed on IPv4 networks, IPv6 networks, or networks that run both IPv4 and IPv6. This makes networking flexible and enables easy migration from IPv4 to IPv6.

Product Specifications

Item	S5320-32P-EI	S5320-52P-EI	S5320-36C-EI S5320-36PC-EI S5320-36C-PWR-EI S5320-36C-EI-28S	S5320-56C-EI S5320-56PC-EI S5320-56C-EI-48S S5320-56C-PWR-EI-AC	S5320-32X-EI S5320-32X-EI-24S	S5320-50X-EI S5320-50X-EI-46S	S5320-52X-EI
Fixed ports	24×10/100/1000 Base-T, 4 × 100/1000Base-X SFP, 4 Gig SFP	48×10/100/1000Base-T, 4 Gig SFP	**S5320-36C-EI/ S5320-36C-PWR-EI**: 28×10/100/1000Base-T(4GE Combo SFP),4×10 Gig SFP+ **S5320-36C-EI-28S:**	**S5320-56C-EI/ S5320-56C-PWR-EI-AC**: 48×10/100/1000Base-T , 4×10 Gig SFP+ **S5320-56PC-EI**:	**S5320-32X-EI:** 24 × 10/100/1000 Base-T, 4 × 100/1000 Base-X SFP, 4×10 Gig SFP+ **S5320-**	**S5320-50X-EI :** 46 × 10/100/1000 Base-T, 4×10 Gig SFP+ **S5320-50X-EI-46S:** 46 ×	48×10/100/1000 Base-T,4×10 Gig SFP+

Item	S5320-32P-EI	S5320-52P-EI	S5320-36C-EI S5320-36PC-EI S5320-36C-PWR-EI S5320-36C-EI-28S	S5320-56C-EI S5320-56PC-EI S5320-56C-EI-48S S5320-56C-PWR-EI-AC	S5320-32X-EI S5320-32X-EI-24S	S5320-50X-EI S5320-50X-EI-46S	S5320-52X-EI
			28×100/1000Base-X(4GE Combo), 4×10 Gig SFP+ **S5320-36PC-EI:** 28×10/100/1000Base-T(4GE Combo SFP),4 Gig SFP	48×10/100/1000Base-T, 4 Gig SFP **S5320-56C-EI-48S:** 48 × 100/1000Base-X SFP,4×10 Gig SFP+	**32X-EI-24S:** 24 × 100/1000 Base-X SFP, 4 ×10/100/1000Base-T, 4×10 Gig SFP+	100/1000Base-X SFP, 4×10 Gig SFP+	
Extended slot	NA		One extended slot that supports an uplink interface card or private stack card		NA		
MAC address table	IEEE 802.1d 64K MAC address entries MAC address learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses						
VLAN	4K VLANs Guest VLAN and voice VLAN GVRP MUX VLAN VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports 1:1 and N:1 VLAN mapping VLAN-based transparent transmission of protocol packets						
Jumbo frame	12K						
Ring 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),G.8032 Ethernet Ring Protection Switching (ERPS) STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s) VLAN-based Spanning Tree (working with PVST/PVST+/RPVST) BPDU protection, root protection, and loop protection						

Item	S5320-32P-EI	S5320-52P-EI	S5320-36C-EI S5320-36PC-EI S5320-36C-PWR-EI S5320-36C-EI-28S	S5320-56C-EI S5320-56PC-EI S5320-56C-EI-48S S5320-56C-PWR-EI-AC	S5320-32X-EI S5320-32X-EI-24S	S5320-50X-EI S5320-50X-EI-46S	S5320-52X-EI
	BPDU tunnel						
IP routing	Static routing, RIPv1/2, RIPng, OSPF, OSPFv3, IS-IS, IS-ISv6, BGP, BGP4+, ECMP, and policy-based routing						
IPv6 features	Neighbor Discovery (ND) Path maximum transmission unit (PMTU) IPv6 Ping, IPv6 Tracert, and IPv6 Telnet 6 to4 tunnel, ISATAP tunnel, and manually configured tunnel ACLs based on source IPv6 addresses, destination IPv6 addresses, Layer 4 ports, or protocol types Multicast Listener Discovery (MLD) v1/v2 snooping						
Multicast forwarding	IGMP v1/v2/v3 snooping and IGMP fast leave Multicast forwarding in a VLAN and multicast replication between VLANs Multicast load splitting among trunk member ports Controllable multicast Layer 2 multicast control Port-based multicast traffic statistics collection IGMPv1/v2/v3, Protocol Independent Multicast Sparse Mode (PIM-SM), and Protocol Independent Multicast Dense Mode (PIM-DM), and Protocol Independent Multicast Source-Specific Multicast (PIM-SSM) Multicast Source Discovery Protocol (MSDP)						
QoS/ACL	Inbound and outbound traffic rate limiting on a port Packet redirection Broadcast storm control Port-based traffic policing and two-rate and three-color CAR Eight queues per port,Weighted round robin (WRR), deficit round robin (DRR), strict priority (SP), WRR+SP, and DRR+SP queue scheduling algorithms Weighted random early detection (WRED) Re-marking of the 802.1p priority and DSCP value of packets Packet filtering based on Layer 2 to Layer 4 information, including source MAC addresses, destination MAC addresses, source IP addresses, destination IP addresses, TCP/UCD source/destination ports, protocol types, and VLAN IDs Per queue rate limiting and interface traffic shaping 1:1,N:1,N:4 port mirroring						

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	VLAN mirroring						
Security features	Hierarchical user management and password protection DoS attack defense, ARP attack defense, and ICMP attack defense Binding of the IP address, MAC address, interface number, and VLAN ID of a user Port isolation, port security, and sticky MAC MAC Forced Forwarding (MFF) Blackhole MAC address entries Limit on the number of learned MAC addresses IEEE 802.1x authentication and the limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS+ authentication, and NAC SSH v2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist						
Access security	DHCP Relay DHCP Server DHCP Snooping DHCP Client DHCP Security						
Port aggregation	LACP Up to 64 trunk groups Up to 8 member interfaces in each trunk group						
Reliability	Ethernet OAM (IEEE 802.3ah and 802.1ag) ITU-Y.1731 BFD for BGP/IS-IS/OSPF/static route						
Management and Maintenance	iStack Virtual cable test SNMPv1/v2/v3 RMON/RMON2 Web-based network management system System logs and multi-level alarms						

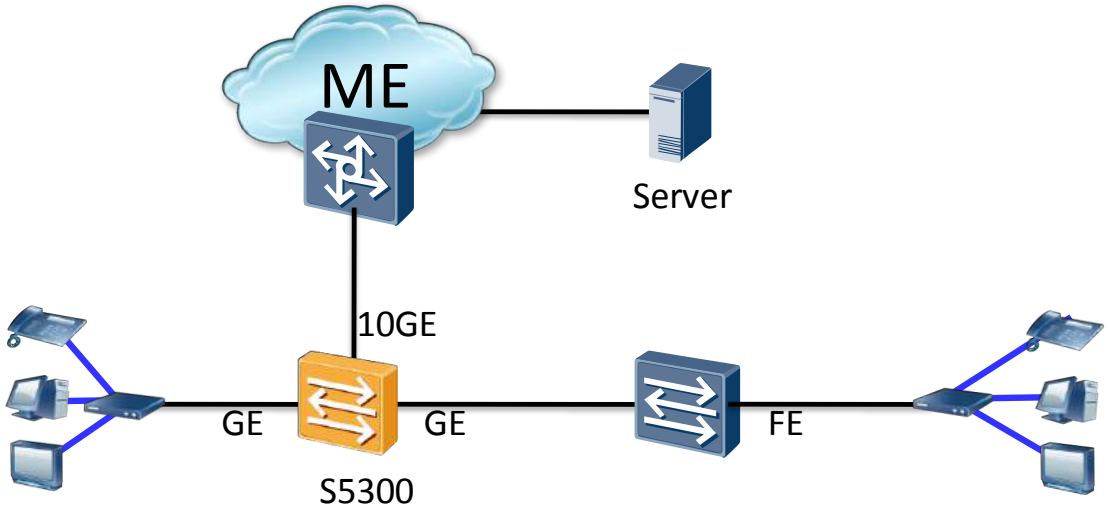
Item	S5320-32P-EI	S5320-52P-EI	S5320-36C-EI S5320-36PC-EI S5320-36C-PWR-EI S5320-36C-EI-28S	S5320-56C-EI S5320-56PC-EI S5320-56C-EI-48S S5320-56C-PWR-EI-AC	S5320-32X-EI S5320-32X-EI-24S	S5320-50X-EI S5320-50X-EI-46S	S5320-52X-EI
	sFlow LLDP/LLDP-MED SCP (Secure Copy Protocol), TFTP, FTP Store dual software images and configuration files 802.3az Energy Efficient Ethernet (EEE)						
Operating environment	Operating temperature: 0-1800 m altitude: 0-45°C 1800-5000 m altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m. Relative humidity: 5% to 95% (noncondensing)						
Input voltage	AC: Rated voltage range: 100 V to 240 V AC, 50/60 Hz Maximum voltage range: 90 to 264 V AC, 47/63 Hz DC: Rated voltage range: –48 V to –60 V DC Maximum voltage range: –36 V to –72 V DC						
Dimensions (W x D x H, mm)	442 x 220 x 43.6		442 x 420 x 43.6		442 x 220 x 43.6		
Front power input	Yes	No			Yes	Yes	No
Power consumption	<50.7W	<60.3W	S5320-36C-EI:<75.8W S5320-36PC-EI :<74.6W S5320-36C-PWR-EI: without PD:<78W,with PD:<818W(POE:740W) S5320-36C-EI-28S:	S5320-56C-EI:<86.9W S5320-56PC-EI: <85.7W S5320-56C-EI-48S: <104W S5320-56C-PWR-EI-AC: without PD:<91.6W	S5320-32X-EI:<51.9W S5320-32X-EI-24S: <58.9W	S5320-50X-EI : <55.3W S5320-50X-EI-46S: <81.5W	<61.5W

Item	S5320-32P-EI	S5320-52P-EI	S5320-36C-EI S5320-36PC-EI S5320-36C-PWR-EI S5320-36C-EI-28S	S5320-56C-EI S5320-56PC-EI S5320-56C-EI-48S S5320-56C-PWR-EI-AC	S5320-32X-EI S5320-32X-EI-24S	S5320-50X-EI S5320-50X-EI-46S	S5320-52X-EI
			<83.9W	with PD:<831.6 W(POE:740 W)			

Applications

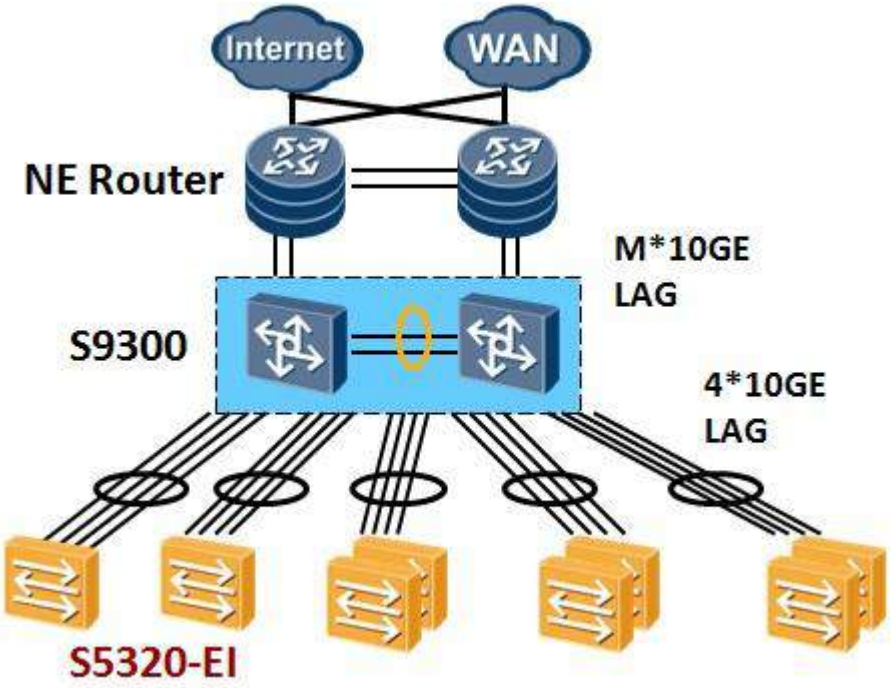
- **On Metro Networks**

  The S5320-EI can function as the access device and aggregation device on Metro networks and improves network reliability by link binding, dual-homing, and ringing.



- **Data center network**

The S5320-EI can be used in a data center. It connects to gigabit servers and aggregates traffic from the servers to uplink devices through trunk links. If multiple servers are available, an S5320-EI stack can be used to facilitate network maintenance and improve network reliability.



Ordering Information

Ordering list of S5320-EI series Ethernet switches

Product Description
S5320-32P-EI-AC(24 Ethernet 10/100/1000 ports,8 Gig SFP,AC 110/220V,front access)
S5320-32P-EI-DC(24 Ethernet 10/100/1000 ports,8 Gig SFP,DC -48V,front access)
S5320-32X-EI-AC(24 Ethernet 10/100/1000 ports,4 Gig SFP,4 10 Gig SFP+,AC 110/220V,front access)
S5320-32X-EI-DC(24 Ethernet 10/100/1000 ports,4 Gig SFP,4 10 Gig SFP+,DC -48V,front access)
S5320-32X-EI-24S-AC(24 Gig SFP,4 Ethernet 10/100/1000 ports,4 10 Gig SFP+,AC 110/220V,front access)
S5320-32X-EI-24S-DC(24 Gig SFP,4 Ethernet 10/100/1000 ports,4 10 Gig SFP+,DC -48V,front access)
S5320-36C-EI-AC(28 Ethernet 10/100/1000 ports,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP+, 1 interface slot,with 150W AC)
S5320-36C-EI-DC(28 Ethernet 10/100/1000 ports,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP+, 1 interface slot,with 150W DC)
S5320-36C-PWR-EI-AC(28 Ethernet 10/100/1000 PoE+ ports,4 of which are dual-purpose

Product Description
10/100/1000 or SFP,4 10 Gig SFP,with 500W AC power)
S5320-36C-PWR-EI-DC(28 Ethernet 10/100/1000 PoE+ ports,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP,with 650W DC power)
S5320-36PC-EI-AC(28 Ethernet 10/100/1000 ports,4 of which are dual-purpose 10/100/1000 or SFP,4 Gig SFP, 1 interface slot,with 150W AC)
S5320-36PC-EI-DC(28 Ethernet 10/100/1000 ports,4 of which are dual-purpose 10/100/1000 or SFP,4 Gig SFP, 1 interface slot,with 150W DC)
S5320-36C-EI-28S-AC(28 Gig SFP,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP+,with 1 interface slot,with 150W AC power supply)
S5320-36C-EI-28S-DC(28 Gig SFP,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP+,with 1 interface slot,with 150W DC power supply)
S5320-50X-EI-46S-AC(46 Gig SFP,4 10 Gig SFP+,AC 110/220V,front access)
S5320-50X-EI-46S-DC(46 Gig SFP,4 10 Gig SFP+,DC -48V,front access)
S5320-50X-EI-AC(46 Ethernet 10/100/1000 ports,4 10 Gig SFP+,AC 110/220V,front access)
S5320-50X-EI-DC(46 Ethernet 10/100/1000 ports,4 10 Gig SFP+,DC -48V,front access)
S5320-52X-EI-AC(48 Ethernet 10/100/1000 ports,4 10 Gig SFP+,AC 110/220V)
S5320-52X-EI-DC(48 Ethernet 10/100/1000 ports,4 10 Gig SFP+,DC -48V)
S5320-52P-EI-AC(48 Ethernet 10/100/1000 ports,4 Gig SFP,AC 110/220V)
S5320-52P-EI-DC(48 Ethernet 10/100/1000 ports,4 Gig SFP,DC -48V)
S5320-56C-EI-48S-AC(48 Gig SFP,4 10 Gig SFP+,with 1 interface slot,with 150W AC power supply)
S5320-56C-EI-48S-DC(48 Gig SFP,4 10 Gig SFP+,with 1 interface slot,with 150W DC power supply)
S5320-56C-EI-AC(48 Ethernet 10/100/1000 ports,4 10 Gig SFP+,with 1 interface slot,with 150W AC power supply)
S5320-56C-EI-DC(48 Ethernet 10/100/1000 ports,4 10 Gig SFP+,with 1 interface slot,with 150W DC power supply)
S5320-56PC-EI-AC(48 Ethernet 10/100/1000 ports,4 Gig SFP,with 1 interface slot,with 150W AC power supply)
S5320-56PC-EI-DC(48 Ethernet 10/100/1000 ports,4 Gig SFP,with 1 interface slot,with 150W DC power supply)
S5320-56C-PWR-EI-AC(48 Ethernet 10/100/1000 PoE+ ports,4 10 Gig SFP+,with 1 interface slot,with 500W AC power supply)
2 10 Gig SFP+ Interface Card(used in S5320EI series)
2 10 Gig RJ45 Interface Card(used in S5320EI series)

Product Description
Dedicated stack card with 2*QSFP+ interface(Including one PCS of 1M QSFP+ cable ,Used in S5320EI series)
S5320-EI Fan box(F,FAN panel side intake)
RPS1800 redundant power supply
150 W AC power module
150 W DC power module
500 W AC PoE power module
650 W DC PoE power module