H3C S5130S-EI Series Enhanced Gigabit Access Switches

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New H3C Technologies Co., Limited

Product Overview

H3C S5130S-EI Series Switch – A simple (fixed power design), cost-effective and easy to deploy access switching solution with POE+ that offers enhanced security, high-density GE and 10GbE uplinks, static route, RIP, OSPF, SDN and IRF enabled, flexible management, which meet the requirements for SME access, enterprise desktop access and high-density campus access.

H3C S5130S-EI series Ethernet switch includes the following models:

Product Description	Product Photograph
• S5130S-10P-EI: 8*10/100/1000BASE-T Ports and 2*1000BASE-X SFP Ports,(AC)	
• S5130S-20P-EI: 16*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-28P-EI: 24*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-52P-EI: 48*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-10P-HPWR-EI: 8*10/100/1000BASE-T PoE+ Ports and 2*1000BASE-X SFP Ports,(AC)	
• S5130S-20P-PWR-EI: 16*10/100/1000BASE-T PoE+ Ports and 4*1000BASE-X SFP Ports,(AC)	

Product Description	Product Photograph
• S5130S-28P-PWR-EI: 24*10/100/1000BASE-T PoE+ Ports and 4*1000BASE-X Ports,(AC)	
• S5130S-28P-HPWR-EI-AC: 24*10/100/1000BASE-T PoE+ Ports, 4*100/1000BASE-X SFP Ports and 4*GE Combo Ports,(AC)	
• S5130S-52P-PWR-EI-AC: 48*10/100/1000BASE-T PoE+ Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-28S-EI: 24*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)	
• S5130S-52S-EI: 48*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)	
• S5130S-16S-PWR-EI: 12*10/100/1000Base-T PoE+ Ports, 2*10/100/1000Base-T Ports and 2*1G/10GBase-X SFP Plus Ports,(AC)	
• S5130S-28S-PWR-EI: 24*10/100/1000BASE-T PoE+ Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)	

Product Description	Product Photograph
• S5130S-28S-HPWR-EI-AC: 24*10/100/1000BASE-T PoE+ Ports, 4*100/1000BASE-X SFP Combo Ports, and 4*1G/10G BASE-X SFP Plus Ports,(AC)	
• S5130S-52S-PWR-EI-AC: 48*10/100/1000BASE-T PoE+ Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)	
• S5130S-28ST-EI: 24*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(AC)	
• S5130S-52ST-EI: 48*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(AC)	
• S5130S-28ST-PWR-EI: 24*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(PoE+,AC)	
• S5130S-52ST-PWR-EI: 48*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(PoE+,AC)	
• S5130S-28F-EI: 24*100/1000Base-X Ports(Including 8*SFP Combo Ports) and 8*10/100/1000Base-T Combo Ports and 4*1G/10GBase-X SFP Plus Ports,Without Power Supplies	

Product Description	Product Photograph
• S5130S-52F-EI: 48*100/1000 BASE-X SFP Ports, 2*GE Combo Ports, and 4*1G/10G BASE-X SFP Plus Ports,Without Power Supplies	
• S5130S-28PS-EI: 24*10/100/1000BASE-T Ports and 8*SFP Combo Ports and 4*10G BASE-X SFP+ Ports,(AC/DC)	
• S5130S-12TP-EI: 8*10/100/1000BASE-T Ports,2*GE Combo Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-28TP-EI: 24*10/100/1000Base-T Ports and 2*GE Combo Ports and 2*100/1000Base-X SFP Combo Ports and 2*1000Base-X SFP Ports,(AC)	
• S5130S-52TP-EI: 48*10/100/1000Base-T Ports and 2*GE Combo Ports and 2*100/1000Base-X SFP Combo Ports and 2*1000Base-X SFP Ports,(AC)	
• S5130S-12TP-HPWR-EI: 8*10/100/1000BASE-T PoE+ Ports, 2*GE Combo Ports and 4*1000BASE-X SFP Ports,(AC)	
• S5130S-10MS-UPWR-EI: 8*1G/2.5GBase-T(UPoE) Ports and 2*1G/10GBase-X SFP Plus Ports,(AC/DC)	

Features

Software Defined Network (SDN)

Software Defined Network (SDN) is an innovative network architecture that simplifies network management and reduces maintenance complexity by separating network control layer and network forwarding layer through OpenFlow. More importantly, it implements flexible network flow control and provides a well-defined network platform for core network application and innovation.

The S5130S-EI series switch supports a large network flow table. Combined with H3C SDN controller, it can easily implement a two-layer network architecture and quickly add functions in existing network in order to drastically reduce network management complexity while substantially lowers network maintenance cost.

IRF2 (Intelligent Resilient Framework 2)

The S5130S-EI series switch supports IRF2 technology that connects multiple physical devices (up to 9) to a logical device that users can manage and use these devices as a single device. IRF can bring the following benefits to the user:

- **Simplify the management:** Any one of the ports can be connected to any of the devices to login to a unified logical device, and to manage the whole system and all the members of the system through the configuration of a single device, without the physical connection to each member of the device.
- **High scalability:** With IRF2, plug-n-play device aggregation can be achieved by adding one or more switches into the IRF2 stack and enabling IRF2 stacking on the new device. New devices can be managed with a single IP, and upgraded at the same time to reduce network expansion cost.
- **High reliability:** IRF2 patented 1: N standby technology allows each slave device in the IRF2 stack to serve as the backup of the master, creating control and data link redundancy, as well as uninterrupted layer-3 forwarding. This improves the reliability, avoids unplanned business downtime and serves to improve overall performance. When the master device fails, traffic remains uninterrupted.
- **Load balancing:** IRF2 supports cross-device link aggregation, upstream and downstream can be connected to more than one physical link, which creates another layer of network redundancy and boosts the network resource utilization.
- **Availability:** H3C Implements IRF2 through standard Gigabit Ethernet (1GE) ports or 10 Gigabit Ethernet (10GE) ports which allocates bandwidth for business and application access and reasonably splits local traffic and upstream traffic.

Comprehensive Security Control

H3C S5130S-EI series switch supports innovative single-port multi-authentication function, the access authentication modes supported by different clients are different. For example, some clients can only perform MAC addresses Authentication (such as the printer terminal), and some user host for 802.1X authentication, and some user hosts only want to access through the Web portal authentication. In order to flexibly adapt to the multi-authentication requirements of the network environment, the S5130S-EI switch

series support single-port multi-authentication unified deployment.

H3C S5130S-EI series switch supports SSHv2 (Secure Shell V2) to secure information security, and strong authentication protect the Ethernet network switch from attacks such as IP address spoofing and clear text interception.

ARP attack and ARP virus are major threats to LAN security, so the S5130S-EI switch series comes with diverse ARP protection functions such as ARP Detection to challenge the legitimacy of client, validate the ARP packets, and set a speed limit for ARP to prevent ARP swarm attacks from targeting CPU.

H3C S5130S-EI series switch supports EAD (End User Admission Domination) function. With the iMC (intelligent Management Centre) system, EAD integrates terminal security policies, such as anti-virus and patch update, network access control and access right control policies to form a cooperative security system. By checking, isolating, updating, managing, and monitoring access terminals, EAD changes to passive mode, single point network protection to active, comprehensive network protection, and changes separate management to centralized management, enhancing the network capability for preventing viruses, worms, and new threats.

High Availability

H3C S5130S-EI series switch features multiple redundancy measures at the device and link levels, support current and voltage surge control, overheat protection, power and fan troubleshooting and alert, as well as fan speed adjustment when the temperature changes. S5130S-28F-EI/S5130S-52F-EI switch also supports hot swappable AC/DC dual power supply.

Apart from device level redundancy, H3C S5130S-EI series switch also provides diverse link redundancy support such as LACP/STP/RSTP/MSTP/Smart Link protocols. It supports IRF2 and 1: N redundancy backup as well as cross-device link aggregation which substantially increases network reliability.

Abundant QoS

H3C S5130S-EI series switch supports packet filtering at Layer 2 through Layer 4, and traffic classification based on source MAC addresses, destination MAC addresses, source IP addresses, destination IP addresses, TCP/UDP port numbers, protocol types, and VLANs. It supports flexible queue scheduling algorithms based on ports and queues, including strict priority (SP), weighted round Robin (WRR) and SP+WRR. The S5130S-EI switch series enables committed access rate (CAR) with the minimum granularity of 8 kbps. It supports port mirroring in the outbound and inbound directions, to monitor the packets on the specific ports, and to mirror the packets to the monitor port for network detection and troubleshooting.

Professional Surge Protection Function

H3C S5130S-EI series switch uses professional built-in surge protection technology and supports the

industry-leading 10KV service port surge protection capability, which greatly reduces the damage rate of surge strikes to equipment even in harsh working environments.

Excellent Manageability

H3C S5130S-EI series switch makes switch management with ease with the support of SNMPv1/v2c/v3, which can be managed by NM platforms, such as Open View and iMC. With CLI and Telnet switch management is made easier. And with SSH 2.0 encryption, switch management security is enhanced.

Green Design

The S5130S-EI series switch implements a variety of green energy saving features, including auto-power-down (port automatic energy saving), if the interface status has been down for a period of time, the system automatically stops the interface power and the system enters power-saving mode. They also support EEE energy feature, by which if a port stays idle for a period of time, the system will set the port to energy-saving mode. The S5130S-EI switch series is also compliant with material environmental protection and the EU RoHS safety standard.

The S5130S-EI switch series 8-port (S5130S-10P-EI, S5130S-12TP-EI, S5130S-10P-HPWR-EI and S5130S-12TP-HPWR-EI) and 24-port (S5130S-28P-EI) switches are fanless design, significantly reduce devices power consumption and noise.

Hardware Specifications

Features	S5130S-10P-EI	S5130S-20P-EI	S5130S-28P-EI	S5130S-52P-EI
Port Switching capacity	20Gbps	40Gbps	56Gbps	104Gbps
Forwarding capacity	15Mpps	30Mpps	42Mpps	78Mpps
Box Switching capacity	336Gbps			
CPU	1 Core, 800MHz			
Flash/SDRAM	256MB/512MB			
Latency (64byte/μs)	GE: < 5μs			
Dimensions(W× D×H)	266×161×43.6 mm	330×230×43.6 mm	440×160×43.6 mm	440×230×43.6 mm
Weight	≤1.5kg	≤2kg	≤2.5kg	≤3.5kg

Features	S5130S-10P-EI	S5130S-20P-EI	S5130S-28P-EI	S5130S-52P-EI
10/100/1000 Base-T port	8	16	24	48
SFP Port	2	4	4	4
Maximum Stacking Bandwidth	16Gbps	16Gbps	16Gbps	16Gbps
Maximum stacking Num	9	9	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz
Power Consumption	MIN: AC: 7W MAX: AC: 12W	MIN: AC: 9W MAX: AC: 19W	MIN: AC:9W MAX: AC:23W	MIN: AC:18W MAX: AC:41W
Fan NUM	Fanless	Fanless	Fanless	1
MTBF(Year)	168.61	136.24	150.86	115.68
MTTR(Hour)	1	1	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)			
Storage Temperature	-40℃ ~ 70℃			
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%			

Hardware Specifications (continued)

Features	S5130S-10P-HPWR-EI	S5130S-20P-PWR-EI	S5130S-28P-PWR-EI	S5130S-28P-HPWR-EI-AC	S5130S-52P-PWR-EI-AC
Port Switching Capacity	20Gbps	40Gbps	56Gbps	56Gbps	104Gbps
Forwarding Capacity	15Mpps	30Mpps	42Mpps	42Mpps	78Mpps
Box Switching Capacity	336Gbps				
CPU	1 Core, 800MHz				
Flash/SDRAM	256MB/512MB				
Latency (64byte/μs)	GE: < 5μs				
Dimensions(W × D×H)	330×230×43.6 mm	330×230×43.6 mm	440×260×43.6 mm	440×260×43.6 mm	440×400×43.6 mm
Weight	≤2.5kg	≤3kg	≤4kg	≤ 4.5kg	≤6kg
10/100/1000 Base-T port	8	16	24	24	48
SFP Port	2	4	4	4 (4*Base-T combo)	4
Maximum Stacking Bandwidth	16Gbps	16Gbps	16Gbps	16Gbps	16Gbps
Maximum Stacking Num	9	9	9	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz
Power Consumption(full configuration)	MIN: AC: 13W MAX: AC: 153W（PoE 125W）	MIN: AC: 18W MAX: AC: 223W（PoE 170W）	MIN: AC: 19W MAX: AC: 230W（PoE 170W）	MIN: AC: 15W MAX: AC: 443W（PoE 370W）	MIN: AC: 36W MAX: AC: 467W（PoE 370W）

Features	S5130S-10P-HPWR-EI	S5130S-20P-PWR-EI	S5130S-28P-PWR-EI	S5130S-28P-HPWR-EI-AC	S5130S-52P-PWR-EI-AC
Fan NUM	Fanless	2	2	3	1
MTBF(Year)	104.12	86.01	87.06	52.81	50.19
MTTR(Hour)	1	1	1	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)				
Storage Temperature	-40℃ ~ 70℃				
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%				

Hardware Specifications (continued)

Features	S5130S-28S-EI	S5130S-52S-EI
Port Switching Capacity	128Gbps	176Gbps
Forwarding capacity	96Mpps	131Mpps
Box Switching Capacity	336Gbps	
CPU	1 Core, 800MHz	
Flash/SDRAM	256MB/512MB	
Latency (64byte/μs)	GE: < 5μs 10GE < 3μs	
Dimensions(W × D×H)	440×160×43.6 mm	440×230×43.6 mm
Weight	≤2.5kg	≤3.5kg
10/100/1000 Base-T port	24	48
SFP+ port	4	4
Maximum Stacking	80Gbps	80Gbps

Features	S5130S-28S-EI	S5130S-52S-EI
Bandwidth		
Maximum Stacking num	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz
Power consumption(full configuration)	MIN: AC:9W MAX: AC:23W	MIN: AC:18W MAX: AC:41W
Fan NUM	Fanless	1
MTBF(Year)	131.97	153.41
MTTR(Hour)	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)	
Storage Temperature	-40℃ ~ 70℃	
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%	

Hardware Specifications (continued)

Features	S5130S-16S-PWR-EI	S5130S-28S-PWR-EI	S5130S-28S-HPWR-EI-AC	S5130S-52S-PWR-EI-AC
Port Switching Capacity	68Gbps	128Gbps	128Gbps	176Gbps
Forwarding Capacity	51Mpps	96Mpps	96Mpps	131Mpps
Box Switching Capacity	336Gbps			
CPU	1 Core, 800MHz			
Flash/SDRAM	256MB/512MB			
Latency	GE: < 5μs			

Features	S5130S-16S-PWR-EI	S5130S-28S-PWR-EI	S5130S-28S-HPWR-EI-AC	S5130S-52S-PWR-EI-AC
(64byte/μs)	10GE < 3μs			
Dimensions(W × D×H)	300*260*43.6 mm	440×260×43.6 mm	440×260×43.6 mm	440×400×43.6 mm
Weight	≤ 2.5kg	≤4kg	≤ 4.5kg	≤6kg
10/100/1000 Base-T Port	14	24	24 (4*SFP combo)	48
SFP+ Port	2	4	4	4
Maximum Stacking Bandwidth	16Gbps	80Gbps	80Gbps	80Gbps
Maximum Stacking Num	9	9	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz
Power Consumption(full configuration)	MIN: AC: 14W MAX: AC: 157W（PoE 125W）	MIN: AC: 20W MAX: AC: 235W（PoE 170W）	MIN: AC: 16W MAX: AC: 445W（PoE 370W）	MIN: AC: 36W MAX: AC: 467W（PoE 370W）
Fan NUM	Fanless	2	3	1
MTBF(Year)	61.6	87.06	85.69	50.19
MTTR(Hour)	1	1	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)			
Storage Temperature	-40℃ ~ 70℃			
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%			

Hardware Specifications (continued)

Features	S5130S-28ST-EI	S5130S-52ST-EI	S5130S-28ST-PWR-EI	S5130S-52ST-PWR-EI
Port Switching Capacity	128Gbps	176Gbps	128Gbps	176Gbps
Forwarding Capacity	96Mpps	132Mpps	96Mpps	132Mpps
Box Switching Capacity	336Gbps			
CPU	1 Core, 800MHz			
Flash/SDRAM	256MB/512MB			
Latency (64byte/μs)	GE: < 5μs 10GE < 3μs			
Dimensions(W × D×H)	440*160*43.6 mm	440*260*43.6 mm	440*320*43.6 mm	440*320*43.6 mm
Weight	≤2.5kg	≤3.5kg	≤ 4.5kg	≤6kg
10/100/1000 Base-T port	24	48	24	48
SFP+ port	2	2	2	2
Multigiga port	2*1/2.5/5/10G BASE-T	2*1/2.5/5/10G BASE-T	2*1/2.5/5/10G BASE-T	2*1/2.5/5/10G BASE-T
Maximum Stacking Bandwidth	80Gbps	80Gbps	80Gbps	80Gbps
Maximum Stacking num	9	9	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz
Power Consumption(full configuration)	MIN: AC:14.5W MAX: AC:33W	MIN: AC:24.5W MAX: AC:43W	MIN: AC: 24.5W MAX: AC: 420W（PoE 370W）	MIN: AC: 34.5W MAX: AC: 430W（PoE 370W）
Fan NUM	2	2	2	2
MTBF(Year)	131.97	87.06	97.74	85.69
MTTR(Hour)	1	1	1	1

Features	S5130S-28ST-EI	S5130S-52ST-EI	S5130S-28ST-PWR-EI	S5130S-52ST-PWR-EI
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)			
Storage Temperature	-40℃ ~ 70℃			
Operating & storage Relative humidity(noncondensing)	5% ~ 95%			

Hardware Specifications (continued)

Features	S5130S-28F-EI	S5130S-52F-EI
Port Switching Capacity	128Gbps	176Gbps
Forwarding Capacity	96Mpps	131Mpps
Box Switching Capacity	336Gbps	
CPU	1 Core, 800MHz	
Flash/SDRAM	256MB/512MB	
Latency (64byte/μs)	GE: < 5μs 10GE < 3μs	
Dimensions(W × D×H)	440×360×43.6 mm	440×360×43.6 mm
Weight	≤6kg	≤6.5kg
SFP port	24 (8*BASE-T combo)	48 (2*BASE-T combo)
SFP+ port	4	4
Maximum Stacking Bandwidth	80Gbps	80Gbps
Maximum stacking num	9	9

Features	S5130S-28F-EI	S5130S-52F-EI
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz DC: Rated voltage range -54V～-57V DC	AC: Rated voltage range: 100V~240V AC, 50/60Hz DC: Rated voltage range -54V～-57V DC
Power Consumption(full configuration)	MIN: Single PSR75-12A: 15 W Dual PSR75-12A: 17 W Single PSR150-A1: 18 W Single PSR150-D1: 18 W Dual PSR150-A1: 23 W Dual PSR150-D1: 22 W MAX: Single PSR75-12A: 26 W Dual PSR75-12A: 29 W Single PSR150-A1: 27 W Single PSR150-D1: 27 W Dual PSR150-A1: 32 W Dual PSR150-D1: 33 W	MIN: Single PSR75-12A: 45 W Dual PSR75-12A: 48 W Single PSR150-A1: 48 W Single PSR150-D1: 51 W Dual PSR150-A1: 55 W Dual PSR150-D1: 57 W MAX: Single PSR75-12A: 69 W Dual PSR75-12A: 72 W Single PSR150-A1: 74 W Single PSR150-D1: 84 W Dual PSR150-A1: 95 W Dual PSR150-D1: 95 W
Fan NUM	2	2
MTBF(Year)	77.58	125.56
MTTR(Hour)	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)	
Storage Temperature	-40℃ ~ 70℃	
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%	

Hardware Specifications (continued)

Features	S5130S-28PS-EI	S5130S-12TP-EI	S5130S-28TP-EI	S5130S-52TP-EI	S5130S-12TP-HPWR-EI	S5130S-10MS-UPWR-EI
Port Switching Capacity	128Gbps	24Gbps	56Gbps	104Gbps	24Gbps	80Gbps
Forwarding Capacity	96Mpps	18Mpps	42Mpps	78Mpps	18Mpps	60Mpps
Box Switching Capacity	336Gbps					
CPU	1 Core, 800MHz					
Flash/SDRAM	256MB/512MB					
Latency (64byte/μs)	GE: < 5μs 10GE < 3μs					
Dimensions(W× D×H)	440*360*43.6 mm	266×161×43.6 mm	440×160×43.6 mm	440×230×43.6 mm	330×230×43.6 mm	300*260*43.6 mm
Weight	≤5.5kg	≤1.5kg	≤2kg	≤3.5kg	≤3kg	≤3.5kg
10/100/1000 Base-T port	24 (8*SFP combo)	10 (2*SFP combo)	26 (2*SFP combo)	50 (2*SFP combo)	10 (2*SFP combo)	/
SFP Port	/	2	2	2	2	/
SFP+ Port	4	/	/	/	/	2
Multigiga Port	/	/	/	/	/	8*1G/2.5GBASE-T (UPoE)
Maximum Stacking Bandwidth	80Gbps	16Gbps	16Gbps	16Gbps	16Gbps	16Gbps
Maximum Stacking num	9	9	9	9	9	9
Input Voltage	AC: Rated voltage range: 100V~240V AC, 50/60Hz DC: Rated voltage range -54V ~ -57V	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz	AC: Rated voltage range: 100V~240V AC, 50/60Hz DC: Rated voltage range -54V ~ -57V

Features	S5130S-28PS-EI	S5130S-12TP-EI	S5130S-28TP-EI	S5130S-52TP-EI	S5130S-12TP-HPWR-EI	S5130S-10MS-UPWR-EI
	DC					DC
Power Consumption(full configuration)	MIN: AC: 14.5W DC: 14W MAX: AC: 33W DC: 32W	MIN: AC: 8W MAX: AC: 14W	MIN: AC:10W MAX: AC:24W	MIN: AC:20W MAX: AC:42W	MIN: AC: 14W MAX: AC: 156W (PoE 125W)	Min:AC:22.2 DC:17.38 MAX:AC:447(poe 370) DC:794.2(poe 740)
Fan NUM	1	Fanless	Fanless	1	Fanless	3
MTBF(Year)	131.97	140.82	97.94	58.96	117.08	52.27
MTTR(Hour)	1	1	1	1	1	1
Operating Temperature	-5℃ ~ 50℃(normal operating temperature) -5℃ ~ 45℃(When using transceiver modules with maximum transmission distance < 80km) -5℃ ~ 40℃(When using transceiver modules with maximum transmission distance ≥ 80km)					
Storage Temperature	-40℃ ~ 70℃					
Operating & Storage Relative Humidity(non condensing)	5% ~ 95%					

Software Specifications

Feature	S5130S-EI switch series
VLAN	VLAN ID range 0 to 4095(Total 4096, 0 and 4095 are reserved for the system) Access/Trunk/Hybrid VLAN port-based VLAN MAC-based VLAN IP subnet-based VLAN protocol-based VLAN IEEE 802.1P(CoS priority) Private VLAN Voice VLAN Guest VLAN MVRP (Multiple VLAN Registration Protocol) (compliance with GVRP) QinQ (802.1Q-in-802.1Q) Vlan mapping

Feature	S5130S-EI switch series
	Static/Dynamic/Blackhole/Multiport unicast MAC MAC automatic learning and aging port-based/VLAN-based MAC learning limit MAC filter Port isolation Loop detection STP(Spanning tree protocol) RSTP (Rapid Spanning Tree Protocol) MSTP (Multiple Spanning Tree Protocol) PVST (Per-VLAN Spanning Tree) (compatible with PVST+/RPVST+) BPDU/root/loop/TC-BPDU/PVST BPDU guard Role/TC-BPDU transmission restriction LLDP (Link Layer Discovery Protocol) and LLDP-MED Jumbo frame Store-and-forward
Ethernet link aggregation	static aggregation dynamic aggregation GE/10GE port aggregation LACP (Link Aggregation Control Protocol) S-MLAG (Simple multichassis link aggregation)
IP Services	ARP snooping/fast-reply/direct route advertisement/ping ARP attack detection ARP source suppression DHCP (Dynamic Host Configuration Protocol) DHCP Server/relay agent/client/snooping DNS (Domain Name System) UDP helper ND (Neighbor Discovery) ND snooping/proxy/direct route advertisement/ping DHCPv6 Server/relay agent/client/snooping/guard HTTP redirect
Routing	Static routing, RIP, OSPF IPv6 static routing, RIPng, OSPFv3 IPv4/IPv6 dual stack Pingv6, Telnetv6, FTPv6, TFTPv6, DNSv6, ICMPv6
Multicast	PIM snooping IGMP Snooping Multicast VLAN IPv6 PIM snooping MLD Snooping IPv6 Multicast VLAN
ACL/QoS	ACL (Access Control List) Advanced ACL

Feature	S5130S-EI switch series
	Ingress and Egress ACL Diff-Serv QoS Eight queues on a port 802.1P/DSCP Priority marking and remarking 802.1p, TOS, DSCP priority mapping Flexible queue scheduling algorithms including SP, WRR, SP+WRR Traffic shaping Time ranges Traffic classification based on source MAC, destination MAC, source IP, destination IP, port, protocol, and VLAN
Security	RBAC (Role-based access control) AAA (Authentication, Authorization, and Accounting) RADIUS (Remote Authentication Dial-In User Service) TACACS (Terminal Access Controller Access Control System) HWTACACS (HW Terminal Access Controller Access Control System) (Same authentication processes and implementations with TACACS+) 802.1X authentication Portal authentication MAC authentication Web authentication Triple authentication Port security SSH1.x and SSH2.0 (Secure Shell) SSL (Secure Sockets Layer) HTTPs Public Key Infrastructure (PKI) Control Plane Protection (CoPP) Attack detection and prevention TCP attack prevention Storm suppression based on PPS/BPS/port bandwidth percentage Broadcast traffic/Multicast traffic/Unknown unicast traffic suppression IPSG (IP source guard) IPv6 RA Guard MFF (MAC-forced forwarding) SAVI (Source Address Validation Improvement) FIPS (Federal Information Processing Standards) Hierarchical user management and password protection EAD (Endpoint Admission Defense) Basic and advanced ACLs for packet filtering OSPF, RIPv2 plain text and MD5 authentication
High Availability	Ethernet OAM (IEEE 802.3ah) CFD (Connectivity Fault Detection)(IEEE 802.1ag and ITU-T Y.1731) DLDP (Device Link Detection Protocol)

Feature	S5130S-EI switch series
	RRPP (Rapid Ring Protection Protocol) ERPS (G.8032 Ethernet Ring Protection Switching) Smart Link Monitor Link VRRPv2(Virtual Router Redundancy Protocol) VRRPv3 BFD (Bidirectional forwarding detection) BFD for VRRP/OSPF/RSVP/static routing Track CPU protection Link aggregation VCT (virtual cable test)
Network Management	NQA (Network quality analyzer) performance management through gRPC or NETCONF NTP (Network Time Protocol) SNMPv1/SNMPv2c/SNMPv3 RMON (Remote Network Monitoring) and groups 1,2,3 and 9 NETCONF/YANG EAA (Embedded Automation Architecture) Port mirroring SPAN (Switch Port Analyzer)/RSPAN(Remote SPAN) Flow mirroring sFlow Information center VCF (Virtual Converged Framework) CWMP (CPE WAN Management Protocol/TR-069) System logs Debugging information output Configuration through CLI, Telnet, and console port Zero Touch Provisioning Loading and upgrading through XModem/FTP/TFTP/SFTP/USB iMC network management system SmartMC(embedded Smart Graphical Management Center) Member
Stacking	IRF2(Intelligent Resilient Framework 2) Distributed device management Distributed link aggregation Distributed resilient routing Stacking through standard Ethernet ports Local device stacking and remote device stacking LACP-, BFD-, and ARP-based multi-active detection (MAD)
Visualization	gRPC (Google remote procedure call)
Programmability and Automation	Auto DevOps by using Python, NETCONF, TCL, and Restful APIs for automated network programming

Feature	S5130S-EI switch series
Forwarding	Wire-speed/Line-rate architecture
Energy Saving	EEE (802.3az Energy Efficient Ethernet)
EMC	FCC Part 15 Subpart B CLASS A ICES-003 CLASS A VCCI CLASS A CISPR 32 CLASS A EN 55032 CLASS A AS/NZS CISPR32 CLASS A CISPR 24 EN 55024 EN 61000-3-2 EN 61000-3-3 ETSI EN 300 386
Safety	UL 60950-1 CAN/CSA C22.2 No 60950-1 IEC 60950-1 EN 60950-1 AS/NZS 60950-1 FDA 21 CFR Subchapter J GB 4943.1

Performance Specification

Entries	S5130S-EI series switches
MAC address entries	16K
VLAN table	4096 (VLAN IDs 0 and 4095 are reserved)
Active VLAN	4094
VLAN interface	32
IPv4 routing entries	1024
IPv4 ARP entries	1024
IPv4 ACL entries	512
IPv4 multicast L2 entries	1000
IPv6 unicast routing entries	240
QOS forward queues	8
IPv6 ACL entries	512
IPv6 ND entries	240
Jumbo frame length	10240

Entries	S5130S-EI series switches
MAX num in one link group	8
Link group num	124

PoE Power Capacity

Product Name	Total PoE power capacity	PoE Ports Quantity
S5130S-10P-HPWR-EI	125W	15.4W (802.3af): 8 30W (802.3at): 4
S5130S-20P-PWR-EI	170W	15.4W (802.3af): 11 30W (802.3at): 5
S5130S-28P-PWR-EI	170W	15.4W (802.3af): 11 30W (802.3at): 5
S5130S-28P-HPWR-EI-AC	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-52P-PWR-EI-AC	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-16S-PWR-EI	120W	15.4W (802.3af): 8 30W (802.3at): 4
S5130S-28S-PWR-EI	170W	15.4W (802.3af): 11 30W (802.3at): 5
S5130S-28S-HPWR-EI-AC	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-52S-PWR-EI-AC	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-28ST-PWR-EI	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-52ST-PWR-EI	370W	15.4W (802.3af): 24 30W (802.3at): 12
S5130S-12TP-HPWR-EI	125W	15.4W (802.3af): 8 30W (802.3at): 4
S5130S-10MS-UPWR-EI	AC: 370	15.4W (802.3af): 8 30W (802.3at): 8 60W (802.3bt): 6

Product Name	Total PoE power capacity	PoE Ports Quantity
		90W (802.3bt): 4
	DC: 740	15.4W (802.3af): 8 30W (802.3at): 8 60W (802.3bt): 8 90W (802.3bt): 8

Removable Components Matrix

Removable power supplies	S5130S-28F-EI S5130S-52F-EI
PSR75-12A-GL	Supported
PSR150-A1-GL	Supported
PSR150-D1-GL	Supported

Standards and Protocols Compliance

Organization	Standards And Protocols
IEEE	802.1x Port based network access control protocol
	802.1ab Link Layer Discovery Protocol
	802.1ak MVRP and MRP
	802.1ax Link Aggregation
	802.1d Media Access Control Bridges
	802.1p Priority
	802.1q VLANs
	802.1s Multiple Spanning Trees
	802.1ag Connectivity Fault Management
	802.1v VLAN classification by Protocol and Port
	802.1w Rapid Reconfiguration of Spanning Tree
	802.3ad Link Aggregation Control Protocol
	802.3af Power over Ethernet
	802.3at Power over Ethernet
	802.3bt Power over Ethernet

Organization	Standards And Protocols
	802.3az Energy Efficient Ethernet
	802.3ah Ethernet in the First Mile
	802.3x Full Duplex and flow control
	802.3u 100BASE-T
	802.3ab 1000BASE-T
	802.3z 1000BASE-X
	802.3ae 10-Gigabit Ethernet
IETF	RFC 768 User Datagram Protocol (UDP)
	RFC 791 Internet Protocol (IP)
	RFC 792 Internet Control Message Protocol (ICMP)
	RFC 793 Transmission Control Protocol (TCP)
	RFC 813 Window and Acknowledgement Strategy in TCP
	RFC 815 IP datagram reassembly algorithms
	RFC 8201 Path MTU Discovery for IP version 6
	RFC 826 Address Resolution Protocol (ARP)
	RFC 879 TCP maximum segment size and related topics
	RFC 896 Congestion control in IP/TCP internetworks
	RFC 917 Internet subnets
	RFC 919 Broadcasting Internet Datagrams
	RFC 922 Broadcasting Internet Datagrams in the Presence of Subnets (IP_BROAD)
	RFC 951 BOOTP
	RFC 1027 Proxy ARP
	RFC 1122 Requirements for Internet Hosts - Communications Layers
	RFC 1213 MIB-2 Stands for Management Information Base
	RFC 1215 Convention for defining traps for use with the SNMP
	RFC 1256 ICMP Router Discovery Messages
	RFC 1350 TFTP Protocol (revision 2)
	RFC 1393 Traceroute Using an IP Option
	RFC 1519 Classless Inter-Domain Routing (CIDR)
	RFC 1542 BOOTP Extensions

Organization	Standards And Protocols
	RFC 1583 OSPF Version 2
	RFC 1591 Domain Name System Structure and Delegation
	RFC 1757 Remote Network Monitoring Management Information Base
	RFC 1772 Application of the Border Gateway Protocol in the Internet
	RFC 1812 Requirements for IP Version 4 Router
	RFC 1918 Address Allocation for Private Internet
	RFC 2131 Dynamic Host Configuration Protocol (DHCP)
	RFC 2132 DHCP Options and BOOTP Vendor Extensions
	RFC 2273 SNMPv3 Applications
	RFC 2328 OSPF Version 2
	RFC 2375 IPv6 Multicast Address Assignments
	RFC 2401 Security Architecture for the Internet Protocol
	RFC 2402 IP Authentication Header
	RFC 2460 Internet Protocol, Version 6 (IPv6) Specification
	RFC 2464 Transmission of IPv6 over Ethernet Networks
	RFC 2576 (Coexistence between SNMP V1, V2, V3)
	RFC 2579 Textual Conventions for SMIv2
	RFC 2580 Conformance Statements for SMIv2
	RFC 2711 IPv6 Router Alert Option
	RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol
	RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations
	RFC 3101 OSPF Not-so-stubby-area option
	RFC 3046 DHCP Relay Agent Information Option
	RFC 3056 Connection of IPv6 Domains via IPv4 Clouds
	RFC 3137 OSPF Stub Router Advertisement sFlow
	RFC 3416 (SNMP Protocol Operations v2)
	RFC 3417 (SNMP Transport Mappings)
	RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)
	RFC 3484 Default Address Selection for IPv6

Organization	Standards And Protocols
	RFC 3509 Alternative Implementations of OSPF Area Border Routers
	RFC 3580 IEEE 802.1X Remote Authentication Dial In User Service (RADIUS) Usage Guidelines
	RFC 3623 Graceful OSPF Restart
	RFC 3768 Virtual Router Redundancy Protocol (VRRP)
	RFC 4022 MIB for TCP
	RFC 4113 MIB for UDP
	RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers
	RFC 4251 The Secure Shell (SSH) Protocol
	RFC 4252 SSHv6 Authentication
	RFC 4253 SSHv6 Transport Layer
	RFC 4254 SSHv6 Connection
	RFC 4291 IP Version 6 Addressing Architecture
	RFC 4292 IP Forwarding Table MIB
	RFC 4293 Management Information Base for the Internet Protocol (IP)
	RFC 4419 Key Exchange for SSH
	RFC 4443 ICMPv6
	RFC 4541 IGMP & MLD Snooping Switch
	RFC 4552 Authentication/Confidentiality for OSPFv3
	RFC 4750 OSPFv2 MIB partial support no SetMIB
	RFC 4861 IPv6 Neighbor Discovery
	RFC 4862 IPv6 Stateless Address Auto-configuration
	RFC 4940 IANA Considerations for OSPF
	RFC 5095 Deprecation of Type 0 Routing Headers in IPv6
	RFC 5187 OSPFv3 Graceful Restart
	RFC 5340 OSPFv3 for IPv6
	RFC 5424 Syslog Protocol
	RFC 5798 VRRP (exclude Accept Mode and sub-sec timer)
	RFC 5880 Bidirectional Forwarding Detection
	RFC 5905 Network Time Protocol Version 4: Protocol and Algorithms Specification
	RFC 6620 FCFS SAVI

Organization	Standards And Protocols
	RFC 6987 OSPF Stub Router Advertisement
	RFC 5280 Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile
	RFC 5381 Experience of Implementing NETCONF over SOAP
ITU	ITU-T Y.1731
	ITU-T Rec G.8032/Y.1344 Mar. 2010

Ordering Information

Product ID	Product Description
LS-5130S-10P-EI-GL	H3C S5130S-10P-EI L2 Ethernet Switch with 8*10/100/1000BASE-T Ports and 2*1000BASE-X SFP Ports,(AC)
LS-5130S-20P-EI-GL	H3C S5130S-20P-EI L2 Ethernet Switch with 16*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-28P-EI-H1-GL	H3C S5130S-28P-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-52P-EI-H1-GL	H3C S5130S-52P-EI L2 Ethernet Switch with 48*10/100/1000BASE-T Ports and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-10P-HPWR-EI-GL	H3C S5130S-10P-HPWR-EI L2 Ethernet Switch with 8*10/100/1000BASE-T PoE+ Ports(AC 125W), and 2*1000BASE-X SFP Ports,(AC)
LS-5130S-20P-PWR-EI-GL	H3C S5130S-20P-PWR-EI L2 Ethernet Switch with 16*10/100/1000BASE-T PoE+ Ports(AC 185W) and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-28P-PWR-EI-GL	H3C S5130S-28P-PWR-EI L2 Ethernet Switch with 24*10/100/1000BASE-T PoE+ Ports(AC 185W) and 4*1000BASE-X Ports,(AC)
LS-5130S-28P-HPWR-EI-AC-GL	H3C S5130S-28P-HPWR-EI-AC L2 Ethernet Switch with 24*10/100/1000BASE-T PoE+ Ports (AC 370W), 4*100/1000BASE-X SFP Ports, and 4*GE Combo Ports,(AC)
LS-5130S-52P-PWR-EI-AC-GL	H3C S5130S-52P-PWR-EI-AC L2 Ethernet Switch with 48*10/100/1000BASE-T PoE+ Ports (AC 370W) and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-28S-EI-H1-GL	H3C S5130S-28S-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)
LS-5130S-52S-EI-H1-GL	H3C S5130S-52S-EI L2 Ethernet Switch with 48*10/100/1000BASE-T Ports and 4*1G/10G BASE-X SFP Plus Ports,(AC)
LS-5130S-16S-PWR-EI	H3C S5130S-16S-PWR-EI L2 Ethernet Switch with 12*10/100/1000Base-T PoE+ Ports,2*10/100/1000Base-T Ports and 2*1G/10GBase-X SFP Plus Ports,(AC)
LS-5130S-28S-PWR-	H3C S5130S-28S-PWR-EI L2 Ethernet Switch with 24*10/100/1000BASE-T PoE+ Ports(AC

EI-GL	185W) and 4*1G/10G BASE-X SFP Plus Ports,(AC)
LS-5130S-28S-HPWR-EI-AC-GL	H3C S5130S-28S-HPWR-EI-AC L2 Ethernet Switch with 24*10/100/1000BASE-T PoE+ Ports (AC 370W), 4*100/1000BASE-X SFP Combo Ports, and 4*1G/10G BASE-X SFP Plus Ports,(AC)
LS-5130S-52S-PWR-EI-AC-GL	H3C S5130S-52S-PWR-EI-AC L2 Ethernet Switch with 48*10/100/1000BASE-T PoE+ Ports (AC 370W) and 4*1G/10G BASE-X SFP Plus Ports,(AC)
LS-5130S-28ST-EI-GL	H3C S5130S-28ST-EI L2 Ethernet Switch with 24*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(AC)
LS-5130S-52ST-EI-GL	H3C S5130S-52ST-EI L2 Ethernet Switch with 48*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(AC)
LS-5130S-28ST-PWR-EI-GL	H3C S5130S-28ST-PWR-EI L2 Ethernet Switch with 24*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(PoE+,AC)
LS-5130S-52ST-PWR-EI-GL	H3C S5130S-52ST-PWR-EI L2 Ethernet Switch with 48*10/100/1000Base-T Ports and 2*10G BASE-X SFP+ Ports and 2*1/2.5/5/10G BASE-T Ports,(PoE+,AC)
LS-5130S-28F-EI-GL	H3C S5130S-28F-EI L2 Ethernet Switch with 24*100/1000Base-X Ports(Including 8*SFP Combo Ports) and 8*10/100/1000Base-T Combo Ports and 4*1G/10GBase-X SFP Plus Ports,Without Power Supplies
LS-5130S-52F-EI-GL	H3C S5130S-52F-EI L2 Ethernet Switch with 48*100/1000 BASE-X SFP Ports, 2*GE Combo Ports, and 4*1G/10G BASE-X SFP Plus Ports
LS-5130S-28PS-EI-GL	H3C S5130S-28PS-EI L2 Ethernet Switch with 24*10/100/1000BASE-T Ports and 8*SFP Combo Ports and 4*10G BASE-X SFP+ Ports,(AC/DC)
LS-5130S-12TP-EI-GL	H3C S5130S-12TP-EI L2 Ethernet Switch with 8*10/100/1000BASE-T Ports,2*GE Combo Ports and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-28TP-EI-GL	H3C S5130S-28TP-EI L2 Ethernet Switch with 24*10/100/1000Base-T Ports and 2*GE Combo Ports and 2*100/1000Base-X SFP Combo Ports and 2*1000Base-X SFP Ports,(AC)
LS-5130S-52TP-EI-GL	H3C S5130S-52TP-EI L2 Ethernet Switch with 48*10/100/1000Base-T Ports and 2*GE Combo Ports and 2*100/1000Base-X SFP Combo Ports and 2*1000Base-X SFP Ports,(AC)
LS-5130S-12TP-HPWR-EI-GL	H3C S5130S-12TP-HPWR-EI L2 Ethernet Switch with 8*10/100/1000BASE-T PoE+ Ports(AC 125W), 2*GE Combo Ports and 4*1000BASE-X SFP Ports,(AC)
LS-5130S-10MS-UPWR-EI-GL	H3C S5130S-10MS-UPWR-EI L2 Ethernet Switch with 8*1G/2.5GBase-T(UPoE) Ports and 2*1G/10GBase-X SFP Plus Ports,(AC/DC)
Power supply	
PSR75-12A-GL	75W AC Pluggable Power Module
PSR150-A1-GL	150W Asset-manageable AC Power Module
PSR150-D1-GL	150W Asset-manageable DC Power Module
Mounting kit	
SOHO-SWITCH-FL-01	11 Inch Chassis Mount Angle Component,SOHO/Low-End Access,Network Terminal Shared

SOHO-SWITCH-FL-02	13 Inch Chassis Mount Angle Component,SOHO/Low-End Access,Network Terminal Shared
Transceivers	
SFP-FE-LX-SM1310-A	100BASE-LX SFP Transceiver, Single Mode (1310nm, 15km, LC)
SFP-FE-SX-MM1310-A	100BASE-FX SFP Transceiver, Multi-Mode (1310nm, 2km, LC)
SFP-FE-LH40-SM1310	100BASE-LH40 SFP Transceiver, Single Mode (1310nm, 40km, LC)
SFP-GE-LX-SM1310-D	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)
SFP-GE-LX-SM1310-A	1000BASE-LX SFP Transceiver, Single Mode (1310nm, 10km, LC)
SFP-GE-LH40-SM1310	1000BASE-LH40 SFP Transceiver, Single Mode (1310nm, 40km, LC)
SFP-GE-LH100-SM1550	1000BASE-LH100 SFP Transceiver, Single Mode (1550nm, 100km, LC)
SFP-GE-LH40-SM1550	1000BASE-LH40 SFP Transceiver, Single Mode (1550nm, 40km, LC)
SFP-GE-LH80-SM1550	1000BASE-LH80 SFP Transceiver, Single Mode (1550nm, 80km, LC)
SFP-GE-SX-MM850-A	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC)
SFP-GE-LX-SM1310-BIDI	1000BASE-LX BIDI SFP Transceiver, Single Mode (TX1310/RX1490, 10km, LC)
SFP-GE-LX-SM1490-BIDI	1000BASE-LX BIDI SFP Transceiver, Single Mode (TX1490/RX1310, 10km, LC)
SFP-GE-T	SFP GE Copper Interface Transceiver Module (100m,RJ45)
SFP-GE-T-D	SFP GE Copper Interface Transceiver Module (100m,RJ45)
SFP-XG-D-AOC-10M	SFP+ to SFP+ 10m Active Optical Cable
SFP-XG-D-AOC-20M	SFP+ to SFP+ 20m Active Optical Cable
SFP-XG-D-AOC-7M	SFP+ to SFP+ 7m Active Optical Cable
SFP-XG-LX-SM1270-BIDI	10G SFP+ BIDI Optical Transceiver Module (TX1270nm/RX1330nm,10km,LC)
SFP-XG-LH40-SM1270-BIDI	10G SFP+ BIDI Optical Transceiver Module (TX1270nm/RX1330nm,40km,LC)
SFP-XG-LX-SM1330-BIDI	10G SFP+ BIDI Optical Transceiver Module (TX1330nm/RX1270nm,10km,LC)
SFP-XG-LH80-SM1490-BIDI	10G SFP+ BIDI Optical Transceiver Module (TX1490nm/RX1550nm,80km,LC)

SFP-XG-LH80-SM1550-BIDI	10G SFP+ BIDI Optical Transceiver Module (TX1550nm/RX1490nm,80km,LC)
SFP-XG-LX-SM1310	SFP+ Module(1310nm,10km,LC)
SFP-XG-LH40-SM1550	SFP+ Module(1550nm,40km,LC)
SFP-XG-LH80-SM1550	SFP+ Module(1550nm,80km,LC)
SFP-XG-SX-MM850-E	SFP+ Module(850nm,300m,LC)
SFP-XG-LX-SM1310-E	SFP+ Module(1310nm,10km,LC)
SFP-XG-SX-MM850-D	SFP+ Module(850nm,300m,LC)
SFP-XG-LX-SM1310-D	SFP+ Module(1310nm,10km,LC)
SFP-XG-SX-MM850-A	SFP+ Module(850nm,300m,LC)
Cable	
LSWM1STK	SFP+ Cable 0.65m
LSWM2STK	SFP+ Cable 1.2m
LSWM3STK	SFP+ Cable 3m
LSTM1STK	SFP+ Cable 5m
CAB-CON-1.8m	Single Cable,Console Serial Port Cable,1.8m,D9F,28UL20276(4P)(P296U),MPH-8P8C
SFP-STACK-Kit	SFP Stacking Cable (150cm,including two 1000BASE-T SFP module and one stacking cable)

Datasheet history

Description	Location	Date
Deleted information about EOS(End of Sales) products. For additional information, please check the EOS announcement: https://www.h3c.com/en/d_202212/1747875_294551_0.htm	Various locations	December 16，2023
Updated the 'Software Specifications'	Software Specifications	December 16，2023

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