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**Bezpieczeństwo,
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H3C S6520X-EI Series Enhanced 10GE Switches

Release Date: Dec, 2023

New H3C Technologies Co., Limited

Product Overview

H3C S6520X-EI Switch Series—Industry-leading high performance and scalable 10GE access switching solution with modular dual power, fixed or modular uplinks (10GE/40GE/100GE) and IRF for resiliency. The series offers OSPF/BGP and multicast, SDN enabled and flexible management.

The S6520X-EI switch series contains the following models:

- H3C S6520X-30QC–EI: 24 × 1/10G SFP+ ports, 2 × QSFP+ ports (40GE, can be split into four 10GE ports.), 2 × expansion slots, 2 × fan tray slots, and 2 × power module slots

- H3C S6520X-54QC–EI: 48 × 1/10G SFP+ ports, 2 × QSFP+ ports (40GE, can be split into four 10GE ports.), 2 × expansion slots, 2 × fan tray slots, and 2 × power module slots

- H3C S6520X-30HC–EI: 24 × 1/10G SFP+ ports, 2 × QSFP28 ports (100G, can be split into four 25GE ports), 2 × expansion slots, 2 × fan tray slots, and 2 × power module slots

- H3C S6520X-54HC–EI: 48 × 1/10G SFP+ ports, 2 × QSFP28 ports (100G, can be split into four 25GE ports), 2 × expansion slots, 2 × fan tray slots, and 2 × power module slots

- H3C S6520X-30HF–EI: 24 × 1/10G SFP+ ports, 6 × QSFP28 ports, 3 × fan tray slots, and 2 × power module slots

- H3C S6520X-54HF–EI: 48 × 1/10G SFP+ ports, 6 × QSFP28 ports, 3 × fan tray slots, and 2 × power module slots

- H3C S6520X-54HC-UPWR-EI: 24 × 100M/1G/2.5G/5G/10G Base-T PoE++ ports, 4 × QSFP28 ports, 2 kinds of expansion slots (1 large slot in front, 1 normal slot in rear), 2 × fan tray slots, and 2 × power module slots
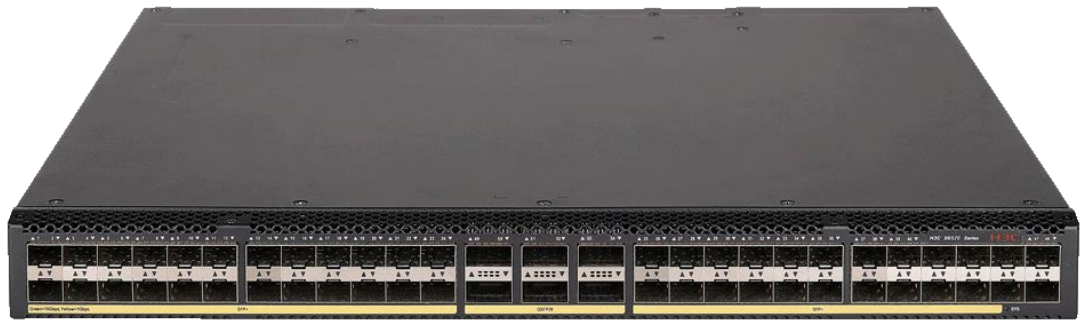

S6520X-30QC–EI

S6520X-54QC–EI

S6520X-30HC–EI

S6520X-54HC–EI

S6520X-30HF-EI

S6520X-54HF-EI

S6520X-54HC-UPWR-EI

Features and Benefits

Open Application Architecture

In H3C open application architecture (OAA), the switch can accommodate high-performance OAP modules to offer dedicated services such as firewall, IPS, or load balancing in addition to conventional forwarding services. By installing OAP modules, the customers can use the switch as a multiservice device without having to buy separate service appliances, such as a firewall device.

High-Density 10GE Forwarding

The switch offers high-density 10GE forwarding and can expand 10GE ports flexibly. It provides 48/24*10/1GE autosensing SFP+ ports, six QSFP28 ports or two QSFP28 or QSFP+ ports onboard, and two expansion slots that support up to 11 kinds of modules range from GE to 10GE, 25GE, 40GE,100GE and Multigiga ports. Using a QSFP+ to SFP+ splitter cable, you can split a QSFP+ port into four line-rate 10GE SFP+ ports. Max 72*10GE supported on one single switch.

Embedded Access Controller

H3C S6520X-EI implements the WLAN function by installing an AC feature pack on the main control unit, thereby implementing both the wired function and the WLAN function on a single device. Embedded AC is a low-cost WLAN solution, save overall investment, improve forwarding capacity, realized a true unified wired and wireless solution in Campus. Max256 AP supported on one single switches.

H3C Intelligent Resilient Framework 2 (IRF2)

H3C Intelligent Resilient Framework 2 (IRF 2) virtualizes multiple S6520X-EI (up to 9) switches into one virtual switch and provides the following benefits:

- **Scalability:** IRF 2 allows you to add devices to the IRF 2 system easily. It provides a single point of management, enables switch plug-and-play, and supports software auto-update for software synchronization from the master to the new member devices. It brings business agility with lower total cost of ownership by allowing new switches to be added to the fabric without network topology change as business grows.

- **High availability:** The H3C proprietary routing hot backup technology ensures redundancy and backup of all information on the control and data planes and non-stop Layer 3 data forwarding in an IRF 2 fabric. It also eliminates single point of failure and ensures service continuity.

- **Redundancy and load balancing:** The distributed link aggregation technology supports load sharing and mutual backup among multiple uplinks, which enhances the network redundancy and improves link resources usage.

- **Flexibility and resiliency:** The switch use standard GE ports instead of specialized ports for IRF links between IRF member devices. This allows customers to assign bandwidth as needed between uplink, downlink, and IRF system connections. In addition, an S6520X-HI IRF fabric can span a rack, multiple racks, or multiple campuses.

Wide Range of Advanced Features

The switch offers a wide range of features, including:

- **Modular hardware and software design:** The switch uses modular, hot swapping, and redundancy design for hardware, including power modules and fan trays. The switch also uses modular design for software, which enables feature installation and removal on an as-needed basis. Refined physical architecture and optimized software workflows greatly reduce the end-to-end packet processing delay.

- **Software-defined networking (SDN):** An innovative network architecture that separates the control plane from the forwarding plane, typically by using OpenFlow. SDN significantly simplifies network management, reduces maintenance complexities and costs, enables flexible traffic management, and offers a good platform for network and application innovations.

- **Virtual eXtensible LAN (VXLAN):** A MAC-in-UDP technology that provides Layer 2 connectivity between distant network sites across an IP network. VXLAN enables long-distance virtual machine and data mobility and is typically used in data centers and the access layer of campus networks for multitenant services. The H3C implementation of VXLAN supports automatic VXLAN tunnel establishment with EVPN.

- **Ethernet Virtual Private Network (EVPN):** A Layer 2 VPN technology that provides both Layer 2 and Layer 3 connectivity between distant network sites across an IP network. EVPN uses MP-BGP in the control plane and VXLAN in the data plane. EVPN provides the following benefits: Configuration automation; Separation of the control plane and the data plane; Integrated routing and bridging (IRB).

- **In-Service Software Upgrade (ISSU) and Operation, Administration, and Maintenance (OAM):** Ensure business continuity and improve Ethernet management and maintainability.

Comprehensive Security Control Policies

The switch supports AAA authentications (including RADIUS authentication) and dynamic or static binding of user identifiers such as user account, IP address, MAC address, VLAN, and port number.

Using the switch in conjunction with H3C IMC, you can manage and monitor online users in real time and take prompt action on illegitimate behaviors.

The switch offers a large number of inbound and outbound ACLs and VLAN-based ACL assignment. This simplifies configurations and saves ACL resources.

MACsec

MACsec is an ideal hop-by-hop link-layer security protocol for Ethernet networks, which are typically insecure. It provides the following services:

- **Data encryption:** Encrypts data over the Ethernet link to protect data against security issues such as eavesdropping.

- **Anti-replay:** Prevents packets from being intercepted and modified en route to protect the network against unauthorized access.

- **Tampering protection:** prevents packet tampering to protect data integrity.

MACsec supports the following deployments:

- **Client-oriented:** Protects data transmission over the link between the client and its access device.

- **Device-oriented mode:** Protects data transmission over the link between two peering devices.

The switch can cooperate with H3C iNode client and core switches such as S10500X and S7500X to provide a complete MACsec solution.

High Availability

In addition to node and link protection, the switch offers the following hardware high availability features:

- 1+1 power module redundancy and 1+1 fan tray redundancy.

- Hot-swappable interface modules.

- Automatic power and fan tray status monitoring and alarming mechanisms.

- Automatic fan speed adjustment based on the change in temperature.

- Self-protection mechanisms that protect power modules against overcurrent, overvoltage, and overtemperature conditions.

Outstanding Management Capacity

The switch provides a variety of management features and is easy to manage. It offers the following device management features:

- Provides multiple management interfaces, including the console port, out-of-band management Ethernet port, and USB port.

- Supports configuration and management from CLI or H3C IMC Intelligent Management Center.

- Supports multiple access methods, including SNMPv1/v2c/v3, Telnet, and more secure SSH 2.0 and SSL.

- Uses OAM to enhance system management capability.

- Supports FTP for system upgrade.

Smart Management Center (SmartMC)

SmartMC is H3C's latest offering and innovation that helps small and middle size enterprise network to address management issue and is free of charge, easy to use web management tool. SmartMC is embedded network management tool into the switch, it includes commander switches and other access switches.

SmartMC delivers the following benefits:

- **Intelligent operation:** once the switch is powered on and SmartMC function is enabled, topology will be created automatically and user can go enhanced web GUI to check the latest status.

- **Centralized management:** all management can be achieved via commander switch such as centralized configuration backup, and software version management, increasing working efficiency.

- **One key device replacement:** in case of one switch failure, the new added same type switch can download the same configuration and work as old switch immediately

Multichassis Link Aggregation Group (M-LAG) (Original DRNI)

H3C S6520X-EI series switches support M-LAG, which enables links of multiple switches to aggregate into one to implement device-level link backup. M-LAG is applicable to servers dual-homed to a pair of access devices for node redundancy.

- **Streamlined topology:** M-LAG simplifies the network topology and spanning tree configuration by virtualizing two physical devices into one logical device.

- **Independent upgrading:** The DR member devices can be upgraded independently one by one to minimize the impact on traffic forwarding.

- **High availability:** The DR system uses a keepalive link to detect multi-active collision to ensure that only one member device forwards traffic after a DR system splits.

Visualization Ability

H3C S6520X-EI series switches support Telemetry technology, which can send the switch's real-time resource information and alarm information to the O&M platform through the gRPC protocol.

The platform can realize network quality backtracking, troubleshooting, risk early warning, architecture optimization and other functions to accurately guarantee user experience by analyzing real-time data.

Hardware Specifications

Item	S6520X-30HC-EI	S6520X-30QC-EI	S6520X-54HC-EI	S6520X-54QC-EI	S6520X-54HF-EI	S6520X-30HF-EI	S6520X-54HC-UPWR-EI
Port switching capacity	1680Gbps	960Gbps	2160Gbps	1440Gbps	2160Gbps	1680Gbps	2160Gbps
Packet forwarding rate	705Mpps	705Mpps	1050Mpps	1050Mpps	600Mpps	600Mpps	1050Mpps
System Switching Capacity	2.56Tbps						
Dimensions (H × W × D)	43.6 × 440 × 360 mm (1.72 × 17.32 × 14.17 in)						
Weight	≤7.4KG	≤7KG	≤ 7.6KG	≤7.2KG	≤6KG	≤5.5KG	≤9.6 KG
CPU	Dual Core, 1.6GHz						4 Core, 2.0GHz
SDRAM	2GB	2GB	2GB	2GB	4GB	4GB	4GB
Flash	1GB	1GB	1GB	1GB	1GB	1GB	1GB
Packet Buffer	10M						
Console ports	1						
Management Ethernet ports	1						
USB ports	1						
1G/2.5G/5G/10G Base-T Multi-giga	-	-	-	-	-	-	24+24(optional)
SFP+	24	24	48	48	48	24	24(optional)
QSFP+	-	2	-	2	-	-	-
QSFP28	2	-	2	-	6	6	4

Item	S6520X-30HC-EI	S6520X-30QC-EI	S6520X-54HC-EI	S6520X-54QC-EI	S6520X-54HF-EI	S6520X-30HF-EI	S6520X-54HC-UPWR-EI
Expansion slots	2				-		2
Expansion modules	2-Port 10G SFP+ Ethernet Optical Interface Module 4-Port 10G SFP+ Ethernet Optical Interface Module 8-Port 10G SFP Plus Interface Card 8-Port 10G SFP+ with MACSec Interface Module 8-Port 1/2.5/5G BASE-T Ethernet Copper Interface Module 8-Port 1/2.5/5/10G BASE-T Ethernet Copper Interface Module 2-port 25GE SFP28 interface module 2-port 40GE QSFP+ interface module 8-port 25GE SFP28 interface module (for S6520X-54HC-EI) 2-port 100GE QSFP28 interface module (for S6520X-54HC-EI)				N/A		Front Slot: 24*10G/1G SFP+ ports module 24*100M/1G/2.5G/5G/10G Base-T PoE++ Ports module Rear Slot: as shown in "Removable Components Matrix"
Input voltage range	AC power supply： Rated voltage range: 100 to 240 VAC @ 50/60 Hz Max voltage range: 90 to 290 VAC @ 47 to 63 Hz High voltage input: 240V DC DC power supply： Rated voltage range: –48 to –60 VDC Max voltage range: –36 to –72 VDC				AC power supply: Rated voltage range: 100 to 240 VAC @ 50/60 Hz Max voltage range: 90 to 290 VAC @ 47 to 63 Hz High voltage input: 240V DC DC power supply： Rated voltage range: –48 to –60 VDC Max voltage range: –36 to –72 VDC		AC power supply: Rated Voltage Range: 100 to 240 VAC @ 50/60 Hz Max voltage range: 90 to 290 VAC @ 47 to 63 Hz
80 PLUS (80 PLUS Certified)	-				-		Y 80 PLUS Platinum
Fan trays	2 hot swappable fan trays, automatic multi-level adjustable speed, and invertible airflow				3 hot swappable fan trays, automatic multi-level adjustable speed, and invertible airflow		2 hot swappable fan trays, automatic

Item	S6520X-30HC-EI	S6520X-30QC-EI	S6520X-54HC-EI	S6520X-54QC-EI	S6520X-54HF-EI	S6520X-30HF-EI	S6520X-54HC-UPWR-EI
							multi-level adjustable speed, and invertible airflow
Power Supply slots	2（Hot swappable)						
Idle power consumption (30% of traffic load, tested according to ATIS standard)	Single AC: 38W Dual AC: 43W	Single AC: 38W Dual AC: 43W	Single AC: 44W Dual AC: 49W	Single AC: 39W Dual AC: 44W	Single AC: 29W Dual AC: 36W	Single AC: 29W Dual AC: 35W	Host+SFP module: Single AC：74W Dual AC: 89W Host+Ethernet module: Single AC：69W Dual AC: 82W
Max. power Consumption (100% throughput, full speed of fans)	Single AC: 197W Dual AC: 200W	Single AC: 179W Dual AC: 183W	Single AC: 249W Dual AC: 251W	Single AC: 231W Dual AC: 234W	Single AC: 163W Dual AC: 162W	Single AC: 131W Dual AC: 134W	Host+SFP module Single AC：1580W Dual AC: 2487W Host+Ethernet module: Single AC：1595W Dual AC: 3061W
Operating Temperature	0℃ to 45℃ (32℉ to 113℉) -60m-5000m altitude: From 0m, the maximum operating temperature reduce by 0.33℃ for every time 100 the altitude increases by 100m.						
Storage Temperatu	-40℃ to 70℃(-40℉ to 158℉)						

Item	S6520X-30HC-EI	S6520X-30QC-EI	S6520X-54HC-EI	S6520X-54QC-EI	S6520X-54HF-EI	S6520X-30HF-EI	S6520X-54HC-UPWR-EI
re							
Operating & storage humidity	5% RH to 95% RH, non-condensing						
MTBF(Year)	63.4	62.8	60.8	60.2	60.8	63.4	61.7
MTTR(Hour)	1	1	1	1	1	1	1

Note: This content is applicable only to regions outside mainland China. H3C reserves the right to interpret the content.

Software Specifications

Feature	S6520-EI switch series
VLAN	VLAN ID range 0 to 4095(Total 4096)
	Access/Trunk/Hybrid VLAN
	port-based VLAN
	MAC-based VLAN
	IP subnet-based VLAN
	protocol-based VLAN
	IEEE 802.1P(CoS priority)
	Super VLAN
	Private VLAN
	Voice VLAN
	QinQ(802.1Q-in-802.1Q) and flexible QinQ
	Vlan mapping
	Static/Dynamic/Blackhole/Multiport unicast MAC
	MAC automatic learning and aging
	port-based/VLAN-based MAC learning limit
	MAC filter
	Port isolation
	IEEE 802.3x flow control (full duplex)
	Storm suppression based on port rate percentage
	PPS-based storm suppression
	BPS-based storm suppression

Feature	S6520-EI switch series
	Loop detection(VLAN and VXLAN network)
	MVRP(Multiple VLAN Registration Protocol)
	GVRP(Generic VLAN Registration Protocol)
	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/disputeloopback guard
	BPDU filter
	Role/TC-BPDU transmission restriction
	LLDP(Link Layer Discovery Protocol) and LLDP-MED(Link Layer Discovery Protocol Media Endpoint Discovery)
	DCBX(Data Center Bridging Exchange Protocol)
	Broadcast/multicast/unknown unicast storm constrain
	Jumbo frame(maximum frame length supported is 13312)
	Store-and-forward(Default)
	Cut-through-forward
Ethernet link aggregation	Dtatic aggregation
	Dynamic aggregation
	S-MLAG(Simple multichassis link aggregation)
	10GE/25G/40GE/100GE port aggregation
	LACP(Link Aggregation Control Protocol)
	M-LAG(Multichassis Link Aggregation)
IP Services	Static/Dynamic/Gratuitous/proxy ARP
	ARP snooping/fast-reply/direct route advertisement/ping
	ARP attack detection
	ARP source suppression
	Ping, Tracert
	DHCP(Dynamic Host Configuration Protocol)
	DHCP Server/relay agent/client/snooping
	DHCP Option 43, Option 82, and Option 184,
	DNS(Domain Name System)
	DDNS(Dynamic Domain Name System)
	mDNS(Multicast Domain Name System)

Feature	S6520-EI switch series
	IRDP(ICMP Router Discovery Protocol)
	UDP helper
	ND(Neighbor Discovery)
	ND snooping/proxy/direct route advertisement/ping
	DHCPv6 Server/relay agent/client/snooping/guard
	GRE(Generic Routing Encapsulation)
	HTTP redirect
	GRE tunneling
	VXLAN tunneling and VXLAN-DCI tunneling
	IPv4/IPv6 over IPv4 tunneling, and IPv4/IPv6 over IPv6 tunneling
	IPv4/IPv6 Fast Fowarding
Routing	Static routing, RIP, OSPF, IS-IS, and BGP
	IPv6 static routing, RIPng, OSPFv3, IS-ISv6, and BGP4+
	IPv4/IPv6 dual stack
	IPv4/IPv6 ECMP(Equal-cost multi-path routing)
	IPv4/IPv6 PBR(Policy-based routing)
	IPv4/IPv6 Routing policy
	Pingv6, Telnetv6, FTPv6, TFTPv6, DNSv6, ICMPv6
	Dual-stack PBR(policy-based routing)
Multicast	PIM-DM, PIM-SM, PIM-SSM, and Any-RP
	PIM snooping
	MSDP(Multicast Source Discovery Protocol)
	IGMPv1/IGMPv2/IGMPv3
	IGMP proxying
	IGMP Snooping
	IGMP snooping proxying
	IGMP Filter and IGMP Fast leave
	IPv6 PIM-DM, PIM-SM, PIM-SSM, and Any-RP
	IPv6 PIM snooping
	MLDv1/MLDV2
	MLD proxying
	MLD Snooping
	MLD snooping proxying
	Multicast routing and forwarding

Feature	S6520-EI switch series
	Multicast VLAN
	MVPN(Multicast VPN)
	Multicast policy and Multicast QoS
ACL/QoS	ACL(Access Control List)
	advanced ACL
	User-defined ACL
	Ingress and Egress ACL
	Ingress/Egress CAR
	Diff-Serv QoS
	Eight queues each interface
	802.1P/DSCP Priority marking and remarking
	802.1p, TOS, DSCP, and EXP priority mapping
	Flexible queue scheduling algorithms including SP, WRR, SP+WRR
	Traffic shaping
	Traffic redirecting
	Layer 2 to Layer 4 packet filtering
	Time ranges
	Traffic classification based on source MAC, destination MAC, source IP, destination IP, port, protocol, and VLAN
	Congestion avoidance, Tail-Drop, RED(Random Early Detection) and WRED(Weighted Random Early Detection)
MPLS	Static LSP(label switched path)
	LDP(Label Distribution Protocol)
	IPv6 LDP
	Tunnel policies
	VRF(Virtual Routing and Forwarding)
	MPLS L2VPN
	MPLS L3VPN
	MPLS Ping/Tracert
	MCE(Multi-VPN Instance Customer Edge)
	IPv6 MCE
	MPLS OAM
Security	RBAC(Role-based access control)
	AAA(Authentication, Authorization, and Accounting)

Feature	S6520-EI switch series
	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+)
	User hierarchical management and password protection
	802.1X authentication
	Portal authentication
	MAC authentication
	Web authentication
	Triple authentication
	Guest VLAN
	SILS (Secure Interoperable LAN Standard)(IEEE 802.10)
	Port security
	IP/Port/MAC binding
	SSH1.x and SSH2.0(Secure Shell)
	SSL(Secure Sockets Layer)
	HTTPs
	Public Key Infrastructure (PKI)
	Control Plane Protection (CoPP), Wireless Intrusion Prevention System (WIPS)
	Attack detection and prevention
	TCP attack prevention
	IPSG(IP source guard)
	IPv6 RA Guard
	ARP attack protection
	ND attack protection
	uRPF(Unicast Reverse Path Forwarding)
	MFF(MAC-forced forwarding)
	SAVI(Source Address Validation Improvement)
	FIPS(Federal Information Processing Standards)
	MACsec(Media Access Control Security) All ports AES256 MACsec
	Microsegmentation
	Hierarchical user management and password protection
	EAD(Endpoint Admission Defense)
	Basic and advanced ACLs for packet filtering

Feature	S6520-EI switch series
	OSPF, RIPv2, BGPv4 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)
	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)
	Hardware BFD
	BFD for VRRP/BGP/IS-IS/OSPF/RSVP/static routing, with a failover detection time less than 50 milliseconds
	Track
	Process redundancy/placement
	CPU protection
	Hot patching, online patch upgrade
	Link aggregation
	VCT(virtual cable test)
	Smart-Link
	ISSU(In-Service Software Upgrade)
Network Management	NQA(Network quality analyzer)
	iNQA(Intelligent Network Quality Analyzer)
	eMDI(Enhanced Media Delivery Index)
	Performance management through gRPC or NETCONF
	NTP(Network Time Protocol)
	PTP(Precision Time Protocol) IEEE 1588 version 2/IEEE 802.1AS/SMPTE ST 2059-2/AES67-2015
	SNMPv1/SNMPv2c/SNMPv3
	Public Cloud management
	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)/ERSPAN(Encapsulated remote

Feature	S6520-EI switch series
	SPAN)
	Flow mirroring
	N:4 port mirroring
	local and remote port mirroring
	NetStream/IPv6 NetStream, traffic analysis sampling ratio 1:1
	sFlow
	Information center
	VCF(Virtual Converged Framework)
	Fault alarm and automatic fault recovery
	System logs
	Alarming based on severity
	Power, fan, and temperature alarming
	Debugging information output
	Device status monitoring mechanism, including the CPU engine, backplane, chips and other key components
	Configuration through CLI, Telnet, and console port
	Zero Touch Provisioning
	DHCP auto-config
	CWMP(CPE WAN Management Protocol/TR-069)
	Job scheduler
	Loading and upgrading through XModem/FTP/TFTP/SFTP/USB
	Secure Boot
	Embedded AC, maximum support management 2K AP
	iMC network management system
	SmartMC(embedded Smart Graphical Management Center)(built-in Web GUI)
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)
Automatic Configuration	Server-based automatic configuration
	USB-based automatic configuration

Feature	S6520-EI switch series
Programmability and Automation	Ansible Auto DevOps by using Python, NETCONF, TCL, and Restful APIs for automated network programming
Visualization	gRPC(Google remote procedure call) INT(Inband Telemetry) Flow group MOD(Mirror On Drop)
OpenFlow	OpenFlow 1.3 Multiple controllers (EQUAL, master/slave) Multiple tables flow Group table
VXLAN	VXLAN L2 switching VXLAN L3 routing Centralized VXLAN gateway Distributed VXLAN gateway VXLAN M-LAG VXLAN-DCI OVSDB(Open vSwitch Database) VXLAN VTEP MP-BGP EVPN control plane EVPN VXLAN EVPN M-LAG
Intelligent Lossless Network	PFC(Priority-based Flow Control) ECN(Explicit Congestion Notification)
Energy Saving	Port automatic power down function Port timing down function (Schedule job) 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 CISPR 35

Feature	S6520-EI switch series
	AS/NZS CISPR 32
	EN 55035
	EN 61000-3-2
	EN 61000-3-3
	ETSI EN 300 386
Safety	UL 62368-1
	CSA C22.2 No. 62368-1-14
	IEC 62368-1
	EN 62368-1
	EN 60825-1
	AS/NZS 62368-1
	GB 4943.1
RoHS	EU RoHS2.0 Directive
	China RoHS 2.0

Performance Specification

Model	S6520X-EI Series
MAC address entries(max)	131,072
VLAN table	4094
VLAN interface	1024
IPv4 routing entries(max)	65,536
IPv4 ARP entries(max)	65,536
IPv4 ACL entries	Ingress:2048 Egress:256
IPv4 multicast L2 entries	4000
IPv4 multicast L3 entries	4000
IPv6 unicast routing entries	32,768
QOS forward queues	8
IPv6 ACL entries	Ingress:2048 Egress:256
IPv6 ND entries	32,768
IPv6 multicast L2 entries	2000

Model	S6520X-EI Series
IPv6 multicast L3 entries	2000
Jumbo frame length	10000
Max Stacking Devices	9
Max Stacking Bandwidth	480Gbps

Removable Components Matrix

FRU Model	S6520X-30QC-EI S6520X-54QC-EI	S6520X-30HC-EI S6520X-54HC-EI	S6520X-30HF-EI S6520X-54HF-EI	S6520X-54HC-UPWR-EI
Removable power supplies				
PSR250-12A	Supported	Supported	Not supported	Not supported
PSR250-12A1	Supported	Supported	Not supported	Not supported
PSR450-12D	Supported	Supported	Not supported	Not supported
PSR180-12A-F	Not supported	Not supported	Supported	Not supported
PSR180-12A-B	Not supported	Not supported	Supported	Not supported
PSR180-12D-B	Not supported	Not supported	Supported	Not supported
PSR600-54AB	Not supported	Not supported	Not supported	Supported
PSR920-54AB	Not supported	Not supported	Not supported	Supported
PSR1600-54AB	Not supported	Not supported	Not supported	Supported
Removable fan trays				
LSWM1FANSCE	Supported	Supported	Not supported	Not supported
LSWM1FANSCBE	Supported	Supported	Not supported	Not supported
LSPM1FANSA-SN	Not supported	Not supported	Supported	Not supported
LSPM1FANSB-SN	Not supported	Not supported	Supported	Not supported
FAN-40B-1-A	Not supported	Not supported	Not supported	Supported
Expansion cards				
LSWM2QP2P	Supported	Supported	Not supported	Supported
LSWM2SP8P	Supported	Supported	Not supported	Supported
LSWM4SP8PM	Supported	Supported	Not supported	Supported
LSWM2ZQP2P	Not supported	Supported	Not supported	Supported

LSWM2ZSP8P	Not supported	Supported	Not supported	Supported
LSWM2XMGT8P	Supported	Supported	Not supported	Supported
LSWM2MGT8P	Supported	Supported	Not supported	Supported
LSWM2ZSP2P	Supported	Supported	Not supported	Supported
LSWM2SP2PB	Supported	Supported	Not supported	Supported
LSWM2SP4PB	Supported	Supported	Not supported	Supported
LSWM124SFPP	Not supported	Not supported	Not supported	Supported
LSWM124MUPWR	Not supported	Not supported	Not supported	Supported

PoE Power Capacity

Power supply 1	Power supply 2	S6520X-54HC-UPWR-EI		S6520X-54HC-UPWR-EI with an LSWM124MUPWR	
		Total PoE power capacity	PoE Ports Quantity	Total PoE power capacity	PoE Ports Quantity
PSR600-54A-B	/	300W	15.4W (802.3af): 19	300W	15.4W (802.3af): 19
			30W (802.3at): 10		30W (802.3at): 10
			60W (802.3bt): 5		60W (802.3bt): 5
			100W (802.3bt): 3		100W (802.3bt): 3
PSR920-54A-B	/	630W	15.4W (802.3af): 24	630W	15.4W (802.3af): 40
			30W (802.3at): 21		30W (802.3at): 21
			60W (802.3bt): 10		60W (802.3bt): 10
			100W (802.3bt): 6		100W (802.3bt): 6
PSR1600-54A-B (Input Voltage: 90V AC~176V AC)	/	630W	15.4W (802.3af): 24	630W	15.4W (802.3af): 40
			30W (802.3at): 21		30W (802.3at): 21
			60W (802.3bt): 10		60W (802.3bt): 10
			100W (802.3bt): 6		100W (802.3bt): 6
PSR1600-54A-B (Input Voltage:176V AC~290V AC or 180V DC~320V DC)	/	1290W	15.4W (802.3af): 24	1290W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 43
			60W (802.3bt): 21		60W (802.3bt): 21
			100W (802.3bt): 12		100W (802.3bt): 12
PSR600-54A-B	PSR600-54A-B	870W	15.4W (802.3af): 24	870W	15.4W (802.3af): 48

Power supply 1	Power supply 2	S6520X-54HC-UPWR-EI		S6520X-54HC-UPWR-EI with an LSWM124MUPWR	
		Total PoE power capacity	PoE Ports Quantity	Total PoE power capacity	PoE Ports Quantity
			30W (802.3at): 24		30W (802.3at): 29
			60W (802.3bt): 14		60W (802.3bt): 14
			100W (802.3bt): 8		100W (802.3bt): 8
PSR600-54A-B	PSR920-54A-B	870W	15.4W (802.3af): 24	870W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 29
			60W (802.3bt): 14		60W (802.3bt): 14
			100W (802.3bt): 8		100W (802.3bt): 8
PSR920-54A-B	PSR920-54A-B	1440W	15.4W (802.3af): 24	1440W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 48
			60W (802.3bt): 24		60W (802.3bt): 24
			100W (802.3bt): 14		100W (802.3bt): 14
PSR920-54A-B (Input Voltage: 90V AC~176V AC)	PSR1600-54A-B (Input Voltage: 90V AC~176V AC)	1100W	15.4W (802.3af): 48	1100W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 37
			60W (802.3bt): 18		60W (802.3bt): 18
			100W (802.3bt): 11		100W (802.3bt): 11
PSR920-54A-B (Input Voltage: 176V AC~290V AC or 180V DC~320V DC)	PSR1600-54A-B (Input Voltage: 176V AC~290V AC or 180V DC~320V DC)	1440W	15.4W (802.3af): 24	1440W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 48
			60W (802.3bt): 24		60W (802.3bt): 24
			100W (802.3bt): 14		100W (802.3bt): 14
PSR1600-54A-B(Input Voltage: 90V AC~176V AC)	PSR1600-54A-B(Input Voltage: 90V AC~176V AC)	1440W	15.4W (802.3af): 24	1440W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 48
			60W (802.3bt): 24		60W (802.3bt): 24
			100W (802.3bt): 14		100W (802.3bt): 14
PSR1600-54A-B(Input Voltage: 90V AC~176V AC)	PSR1600-54A-B(Input Voltage: 176V AC~290V AC or 180V DC~320V DC)	1440W	15.4W (802.3af): 24	1440W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 48
			60W (802.3bt): 24		60W (802.3bt): 24
			100W (802.3bt): 14		100W (802.3bt): 14

Power supply 1	Power supply 2	S6520X-54HC-UPWR-EI		S6520X-54HC-UPWR-EI with an LSWM124MUPWR	
		Total PoE power capacity	PoE Ports Quantity	Total PoE power capacity	PoE Ports Quantity
PSR1600-54A-B(Input Voltage: 176V AC~290V AC or 180V DC~320V DC)	PSR1600-54A-B(Input Voltage: 176V AC~290V AC or 180V DC~320V DC)	2400W	15.4W (802.3af): 24	2700W	15.4W (802.3af): 48
			30W (802.3at): 24		30W (802.3at): 48
			60W (802.3bt): 24		60W (802.3bt): 45
			100W (802.3bt): 24		100W (802.3bt): 27

NOTE: Do not mix PSR600-54A-B power supply with PSR1600-54A-B power supply. If the switch is installed with an LSWM124MUPWR interface module, the maximum PoE power capacity per port for the module is 60 W.

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
	802.3ah Ethernet in the First Mile
	802.3bt PoE++
	802.3x Full Duplex and flow control
	802.3z 1000BASE-X
	802.3ae 10-Gigabit Ethernet
	802.3an 10-Gigabit Base-T Ethernet
	802.3by 25G Ethernet

Organization	Standards and Protocols
	802.3ba 40/100G Ethernet
IETF	RFC 2710 Multicast Listener Discovery (MLD) for IPv6
	RFC 2711 IPv6 Router Alert Option
	RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol
	RFC 2918 Route Refresh Capability for BGP-4
	RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations
	RFC 2934 Protocol Independent Multicast MIB for IPv4
	RFC 3101 OSPF Not-so-stubby-area option
	RFC 3019 MLDv1 MIB
	RFC 3046 DHCP Relay Agent Information Option
	RFC 3056 Connection of IPv6 Domains via IPv4 Clouds
	RFC 3065 Autonomous System Confederation for BGP
	RFC 3137 OSPF Stub Router Advertisement sFlow
	RFC 3376 IGMPv3
	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
	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 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6
	RFC 3973 PIM Dense Mode
	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

Organization	Standards and Protocols
	RFC 4253 SSHv6 Transport Layer
	RFC 4254 SSHv6 Connection
	RFC 4271 A Border Gateway Protocol 4 (BGP-4)
	RFC 4273 Definitions of Managed Objects for BGP-4
	RFC 4291 IP Version 6 Addressing Architecture
	RFC 4292 IP Forwarding Table MIB
	RFC 4293 Management Information Base for the Internet Protocol (IP)
	RFC 4360 BGP Extended Communities Attribute
	RFC 4419 Key Exchange for SSH
	RFC 4443 ICMPv6
	RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP)
	RFC 4486 Subcodes for BGP Cease Notification Message
	RFC 4541 IGMP & MLD Snooping Switch
	RFC 4552 Authentication/Confidentiality for OSPFv3
	RFC 4601 PIM Sparse Mode
	RFC 4607 Source-Specific Multicast for IP
	RFC 4724 Graceful Restart Mechanism for BGP
	RFC 4750 OSPFv2 MIB partial support no SetMIB
	RFC 4760 Multiprotocol Extensions for BGP-4
	RFC 4861 IPv6 Neighbor Discovery
	RFC 4862 IPv6 Stateless Address Auto-configuration
	RFC 4940 IANA Considerations for OSPF
	RFC 5059 Bootstrap Router (BSR) Mechanism for PIM, PIM WG
	RFC 5065 Autonomous System Confederation for BGP
	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 5492 Capabilities Advertisement with BGP-4
	RFC 5519 Multicast Group Membership Discovery MIB (MLDv2 only)

Organization	Standards and Protocols
	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
	RFC 6987 OSPF Stub Router Advertisement
	RFC6020 YANG - A Data Modeling Language for the Network Configuration Protocol (NETCONF)
	RFC7348 Virtual eXtensible Local Area Network (VXLAN): A Framework for Overlaying Virtualized Layer 2 Networks over Layer 3 Networks
	RFC7432 BGP MPLS-Based Ethernet VPN
	RFC4664 Framework for Layer 2 Virtual Private Networks (L2VPNs)
	RFC4665 Service Requirements for Layer 2 Provider Provisioned Virtual Private Networks
	RFC4761 Virtual Private LAN Service (VPLS) Using BGP for Auto-Discovery and Signaling
	RFC4762 Virtual Private LAN Service (VPLS) Using Label Distribution Protocol (LDP) Signaling
	RFC5120 M-ISIS: Multi Topology (MT) Routing in Intermediate System to Intermediate Systems (IS-ISs)
	RFC5280 Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile
	RFC5308 Routing IPv6 with IS-IS
	RFC5381 Experience of Implementing NETCONF over SOAP
	RFC5415 Control and Provisioning of Wireless Access Points (CAPWAP) Protocol Specification
ITU	ITU-T Y.1731
	ITU-T Rec G.8032/Y.1344 Mar. 2010

Ordering Information

Product ID	Product Description
LS-6520X-30QC-EI-GL	H3C S6520X-30QC-EI L3 Ethernet Switch (24SFP Plus+2QSFP Plus+2Slot), No Power
LS-6520X-54QC-EI-GL	H3C S6520X-54QC-EI L3 Ethernet Switch (48SFP Plus+2QSFP Plus+2Slot), No Power
LS-6520X-30HC-EI-GL	H3C S6520X-30HC-EI L3 Ethernet Switch (24SFP Plus+2QSFP28+2Slot), No Power
LS-6520X-54HC-EI-GL	H3C S6520X-54HC-EI L3 Ethernet Switch (48SFP Plus+2QSFP28+2Slot), No Power

LS-6520X-30HF-EI	H3C S6520X-30HF-EI L3 Ethernet Switch (24SFP Plus+6QSFP28), No Power
LS-6520X-54HF-EI	H3C S6520X-54HF-EI L3 Ethernet Switch (48SFP Plus+6QSFP28), No Power
LS-6520X-54HC-UPWR-EI	H3C S6520X-54HC-UPWR-EI, L3 Ethernet Switch(24*10GBase-T(PoE++) +4*QSFP28+1E-Slot+1Slot), (Without Power Supplies)
Fan	
LSWM1FANSCE	Ethernet Switch Fan Module(Power to Port Airflow)
LSWM1FANSCBE	Ethernet Switch Fan Module(Port to Power Airflow)
LSPM1FANSA-SN	H3C Fan Module (Fan Panel Side Intake Airflow)
LSPM1FANSB-SN	H3C Fan Module (Fan Panel Side Exhaust Airflow)
Power supply	
PSR250-12A-GL	250W AC Power Supply Module
PSR250-12A1-GL	250W AC Power Supply Module
PSR450-12D	450W DC Power Supply Module
PSR180-12A-F	180W Asset-Manageable AC Power Supply Module (Power Panel Side Intake Airflow)
PSR180-12A-B	180W Asset-Manageable AC Power Supply Module (Power Panel Side Exhaust Airflow)
PSR180-12D-B	180W Asset-Manageable DC Power Supply
PSR600-54A-B	600W AC Power Supply module (only for S6520X-54HC-UPWR-EI)
PSR920-54A-B	920W AC Power Supply module (only for S6520X-54HC-UPWR-EI)
PSR1600-54A-B	1600W AC Power Supply module (only for S6520X-54HC-UPWR-EI)
Modules	
LSWM124SFPP	24 Ports SFP Plus Ethernet Optical Interface Module (only for S6520X-54HC-UPWR-EI)
LSWM124MUPWR	24 Ports 1G/2.5G/5G/10G BASE-T PoE++ Ethernet Copper Interface Module (only for S6520X-54HC-UPWR-EI)
LSWM2QP2P	2-Port 40G QSFP Plus Interface Card
LSWM2SP2PB	2-Port 10G SFP Plus Ethernet Optical Interface Module
LSWM2SP4PB	4-Port 10G SFP Plus Ethernet Optical Interface Module
LSWM2MGT8P	8-Port 1/2.5/5G BASE-T Ethernet Copper Interface Module
LSWM2XMGT8P	8-Port 1/2.5/5/10G BASE-T Ethernet Copper Interface Module
LSWM2ZSP2P	2-Port 25G SFP28 Ethernet Optical Interface Module
LSWM2SP8P	8-Port 10G SFP Plus Interface Card

LSWM4SP8PM	8-Port 10G SFP Plus with MACSec Interface Module
LSWM2ZSP8P	8-Port 25G SFP28 Interface Module
LSWM2ZQP2P	2-Port 100G QSFP28 Interface Module
Wireless license	
LIS-WX-128-BE	Enhanced Access Controller License,128 APs
LIS-WX-32-BE	Enhanced Access Controller License,32 APs
LIS-WX-16-BE	Enhanced Access Controller License,16 APs
LIS-WX-8-BE	Enhanced Access Controller License,8 APs
LIS-WX-1-BE	Enhanced Access Controller License,1 AP
Transceivers	
SFP-GE-SX-MM850-A	1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, 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-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-LH100-SM1550	1000BASE-LH100 SFP Transceiver, Single Mode (1550nm, 100km, 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	1000BASE-T SFP
SFP-XG-LH40-SM1550	SFP+ Module (1550nm,40km, LC)
SFP-XG-LX-SM1310-E	SFP+ Module (1310nm,10km, LC)
SFP-XG-SX-MM850-E	SFP+ Module (850nm,300m, LC)
SFP-25G-SR-MM850	25G SFP28 Optical Transceiver Module (850nm,100m,SR,MM,LC)
QSFP-40G-LR4-WDM1300	40GBASE-LR4 QSFP+ Optical Transceiver Module
QSFP-40G-CSR4-MM850	QSFP+ 40GBASE Optical Transceiver Module (850nm,300m,CSR4,Support 40G to 4*10G)
QSFP-40G-SR4-MM850	QSFP+ 40GBASE Optical Transceiver Module (850nm,100m, SR4,Support 40G to 4*10G)
QSFP-100G-SR4-MM850	100G QSFP28 Optical Transceiver Module (850nm,100m OM4,SR4,MPO)
QSFP-100G-LR4-WDM1300	100G QSFP28 Optical Transceiver Module(1310nm,10km,LR4,WDM,LC)
QSFP-100G-LR4L-WDM1300	100G QSFP28 Optical Transceiver Module (1310nm,2km,LR4L,CWDM4,LC)
Cables	

CAB-CON-1.8m	Single Cable, Console Serial Port Cable,1.8m,D9F,28UL20276(4P)(P296U),MPH-8P8C
LSWM1STK	SFP+ Cable 0.65m
LSWM2STK	SFP+ Cable 1.2m
LSWM3STK	SFP+ Cable 3m
SFP-25G-D-CAB-1M	25G SFP28 to 25G SFP28 1m Passive Cable
SFP-25G-D-CAB-3M	25G SFP28 to 25G SFP28 3m Passive Cable
SFP-25G-D-CAB-5M	25G SFP28 to 25G SFP28 5m Passive Cable
LSWM1QSTK0	40G QSFP+ Cable 1m
LSWM1QSTK1	40G QSFP+ Cable 3m
LSWM1QSTK2	40G QSFP+ Cable 5m
LSWM1QSTK3	40G QSFP+ to 4x10G SFP+ Cable 1m
LSWM1QSTK4	40G QSFP+ to 4x10G SFP+ Cable 3m
LSWM1QSTK5	40G QSFP+ to 4x10G SFP+ Cable 5m
QSFP-100G-D-CAB-1M	100G QSFP28 to 100G QSFP28 1m Passive Cable
QSFP-100G-D-CAB-3M	100G QSFP28 to 100G QSFP28 3m Passive Cable
QSFP-100G-D-CAB-5M	100G QSFP28 to 100G QSFP28 5m Passive Cable
QSFP-100G-4SFP-25G-CAB-1M	100G QSFP28 to 4x25G SFP28 1m Passive Cable
QSFP-100G-4SFP-25G-CAB-3M	100G QSFP28 to 4x25G SFP28 3m Passive Cable
QSFP-100G-4SFP-25G-CAB-5M	100G QSFP28 to 4x25G SFP28 5m Passive Cable
QSFP-100G-D-AOC-7M	100G QSFP28 to 100G QSFP28 7m Active Optical Cable
QSFP-100G-D-AOC-10M	100G QSFP28 to 100G QSFP28 10m Active Optical Cable
QSFP-100G-D-AOC-20M	100G QSFP28 to 100G QSFP28 20m Active Optical Cable
OP-MPO8-8LC-10-M	Fiber Connector,MPO(8 core)/PC,8LC/PC(0.5m),Multimode(OM3),3.0mm,10.0m
OP-MPO8-MPO8-10-M	Fiber connector,MPO(8 core)/PC,MPO(8 core)/PC,Multimode(OM3),3.0mm,10.0m
OP-MPO8-MPO8-50-M	Fiber connector,MPO(8 core)/PC,MPO(8 core)/PC,Multimode(OM3),3.0mm,50.0m
OP-MPO8-MPO8-100-M	Fiber connector,MPO(8 core)/PC,MPO(8 core)/PC,Multimode(OM3),3.0mm,100.0m
OP-MPO8-MPO8-200-M	Fiber connector,MPO(8 core)/PC,MPO(8 core)/PC,Multimode(OM3),3.0mm,200.0m

Datasheet history

Description	Location	Date
Added the 'PoE Power Capacity'	PoE Power Capacity	December 18, 2023
Updated the 'Software Specifications'	Software Specifications	December 18, 2023
Updated the ' Hardware Specifications'	Hardware Specifications	July 09, 2024

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