



# H3C S6800 Series

# Data Center Switches

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## H3C S6800 Series Data Center Switches

### Product overview

H3C S6800 series switch is H3C self-developed cloud ready data center intelligent switches. The S6800 series switch delivers cloud ready features, such as VXLAN, OpenFlow and EVPN, a rich set of features for data centers. As the most compact formed 10G/40G/100G solution in the industry, the S6800 series switch is perfectly matched for high density 10GE access or 40G/100G aggregation in intelligent data centers and cloud computing networks. The S6800 series switch can also fit nicely as the TOR switch of overlay networks.

### Product Appearance

The S6800 series come in the following models:

- H3C S6800-54QF: 48\*1/10G SFP Plus, 6\*QSFP+



S6800-54QF Front View



S6800-54QF Rear View

- H3C S6800-54QT: 48\*1/10GBase-T, 6\*QSFP+



S6800-54QT Front View



S6800-54QT Rear View

- H3C S6800-32Q: 32\*QSFP+ (40G)



S6800-32Q Front View



S6800-32Q Rear View

- H3C S6800-2C: 2 interface slots



S6800-2C Front View (Module Installed)



S6800-2C Rear View

- H3C S6800-4C: 4 interface slots



S6800-4C Front View (Module Installed)

S6800-4C Rear View

## Product Characteristics

### Flexible port combination

- H3C S6800-2/4C support various types of interface cards, realize mixed configuration of high-density 10GE optical and copper port / 40GE / 100GE/MACsec/FC interface.
- For S6800-4C, It can support up to 96 10GE ports and 8 40GE ports, or 32 40GE high-speed interfaces.

### Data Center-Oriented Features

- The switch supports abundant data center features, including:
- H3C S6800 series switch supports VXLAN (Virtual eXtensible LAN), which provides two major benefits, higher scalability of Layer 2 segmentation and better utilization of available network paths.
- H3C S6800 series switch supports MP-BGP EVPN (Multiprotocol Border Gateway Protocol Ethernet Virtual Private Network) which can run as VXLAN control plane to simplify VXLAN configuration, eliminate traffic flooding and reduce full mesh requirements between VTEPs via the introduction of BGP RR.
- H3C S6800 series switch support Fiber Channel over Ethernet (FCoE), which permits storage, data, and computing services to be transmitted on one network, reducing the costs of network construction and maintenance.
- H3C S6800-2C/4C switch support Fiber Channel interface card, the ports can be switched to FC port to interoperate with FC SAN.
- H3C S6800 series switch support Priority-based Flow Control (PFC), Enhanced Transmission Selection (ETS) and Data Center Bridging eXchange (DCBX). These features ensure low latency and zero packet loss for FC storage and high-speed computing services.
- H3C S6800 series switch support TRILL (Transparent Interconnection of Lots of Links). TRILL is an innovative technology that changes the traditional way to build data center networks. By using TRILL technology, S6800 series switch becomes the ideal choice to build a large, high-performance, and scalable cloud data center networks that support live virtual machines.

## H3C Distributed Resilient Network Interconnection (DRNI)

- H3C S6800 series switch support DRNI, which enables links of multiple switches to aggregate into one to implement device-level link backup. DRNI is applicable to servers dual-homed to a pair of access devices for node redundancy.
- Streamlined topology: DRNI 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.

## RoCE (RDMA over Converged Ethernet)

- Remote Direct Memory Access (RDMA) directly transmits the user application data to the storage space of the servers, and uses the network to fast transmit the data from the local system to the storage of the remote system. RDMA eliminates multiple data copying and context switching operations during the transmission process, and reduces the CPU load.
- RoCE supports RDMA on standard Ethernet infrastructures. H3C S6800 switch support RoCE and can be used to build a lossless Ethernet network to ensure zero packet loss.
- RoCE include the following key features, include PFC(Priority based Flow Control), ECN(Explicit Congestion Notification), DCBX(Data Center Bridging Capability Exchange Protocol), ETS(Enhanced Transmission Selection).

## Powerful SDN capacity

- H3C S6800 series switch adopt the next-generation chip with more flexible OpenFlow, more resources and accurate ACL matching, which greatly improves the software-defined network (SDN) capabilities and meet the demand of data center SDN network.
- H3C S6800 series switch support standard OpenFlow protocol, which can be integrated and managed by H3C VCFC controller or H3C cloud or mainstream cloud platforms or a third-party controller to support flexible network customization and automated management. Users and third-party controllers can use standard interfaces to develop and deploy a dedicated network management strategy for rapid business deployment, functional expansion, and intelligent device management.

## MACsec

- H3C S6800 series switch supports hardware level encryption technology MACsec (802.1ae), which is an industry-standard security technology that provides secure communication for all traffic on Ethernet links. Compared with traditional application-based software encryption technology, MACsec provides point to-point security on Ethernet links between directly connected nodes and is capable of identifying and preventing most security threats.

## Outstanding security control policies

- H3C S6800 series switch supports AAA, RADIUS and user account based authentication, IP, MAC, VLAN, port-based user identification, dynamic and static binding; when working with the H3C iMC platform, it can conduct real time management, instant diagnosis and crackdown on illicit network behavior.
- H3C S6800 series switch supports enhanced ACL control logic, which enables an enormous amount of in-port and out- port ACL, and delegate VLAN based ACL. This simplifies user deployment process and avoids ACL resource wastage. S6800 switch series can also take advantage of Unicast Reverse Path Forwarding (uRPF). When the device receives a packet, it will perform the reverse check to verify the source address from which the packets are supposedly originated, and will drop the packet if such path doesn't exist. This will curb the increasingly common originating address spoofing.

## Flexible choice of airflow

- To cope with data center cooling aisle design, the H3C S6800 series switch comes with flexible airflow design, which features bi-cooling aisles in the front and back. Users may also choose the direction of airflow (from front to back or vice versa) by selecting a different fan tray.

## Multiple Reliability

- H3C S6800 series switch provides multiple reliability protection at both switch and link levels. With overcurrent, overvoltage, and overheat protection, all models have a redundant pluggable power module, which enables flexible configuration of AC or DC power modules based on actual needs. The entire switch supports fault detection and alarm for power supply and fan, allowing fan speed to change to suit different ambient temperatures.

## Excellent manageability

- H3C S6800 series switch provides a rich management interface, including console, external network and USB. Management protocols such as SNMPv1/v2/v3 are supported aside from iMC Management Console. The network administrator may activate control through CLI, TELNET, SSH, SNMP, RESTful API, which gives maximum flexibility in accessing and managing the device. The administrator may also choose SSH2.0 and SSL encryption to shield the management session.



## Product Specification

### Hardware Specification

Item	S6800-54QF	S6800-54QT	S6800-32Q	S6800-2C	S6800-4C
Dimensions (H × W × D)	44×440×400mm 1.73×17.32×15.75in	44×440×460mm 1.73×17.32×18.11in	43.6×440×660mm 1.72×17.32×18.11in	44.2×440×660mm 1.74×17.32×18.11in	88.1×440×660mm 3.4×17.32×18.11in
Weight	≤13kg (28.66 lb)	≤13kg (28.66 lb)	≤13kg (28.66 lb)	≤16Kg (35.27 lb)	≤27Kg (59.52 lb)
Serial console port	1	1	1	1	1
Out-of-band management port	One GE copper port and one GE fiber port				
Mini USB console port	1	1	1	1	1
USB port	1	1	1	1	1
QSFP+ port	6	6	32	2	-
SFP port	48	-	-	-	-
1/10GBASE-T port	-	48	-	-	-
Expansion slot	-	-	-	2	4
CPU	1GHz@2Core	1GHz@2Core	1GHz@2Core	1GHz@2Core	1GHz@2Core
Flash/SDRAM	1GB/4GB	1GB/4GB	1GB/4GB	1GB/4GB	1GB/4GB
Latency	<1μm	<1μm	<1μm	<1μm	<1μm
Switching capacity	1.44Tbps	1.44Tbps	2.56Tbps	1.44Tbps	2.56Tbps
Forwarding capacity	1080Mpps	1080Mpps	1440Mpps	1080Mpps	1440Mpps
Buffer(byte)	16M	16M	16M	16M	16M
AC-input voltage	Related voltage range: 100V to 240V AC, 50/60Hz Maximum voltage range: 90V to 290V AC,				
DC-input voltage	Related voltage range: -38.4V to -72V DC				
Power module slot	2	2	2	2	4
Fan tray slot	Three hot-swappable fan	Five hot-swappable fan	Two hot-swappable fan		
Air flow direction	From front to rear or from rear to front				
Static power consumption	250W AC Single AC: 65W Dual AC: 71W 450W AC Single AC: 68W Dual AC: 79W 450W DC Single DC: 67W Dual DC: 76W	Single AC: 103W Dual AC: 109W Single DC: 107W Dual DC: 113W	Single AC: 132W Dual AC: 145W Single DC: 128W Dual DC: 142W	Single AC: 95W Dual AC: 110W Single DC: 91W Dual DC: 105W	Dual AC: 135W Three AC: 150W Four AC: 165W Dual DC: 131W Three DC: 145W Four DC: 155W
	250W AC Single AC: 165W Dual AC: 175W 450W AC Single AC: 166W Dual AC: 175W 450W DC Single DC: 166W Dual DC: 171W	Single AC: 103W Dual AC: 109W Single DC: 107W Dual DC: 113W	Single AC: 291W Dual AC: 301W Single DC: 291W Dual DC: 299W	Single AC:439W Dual AC: 450W Single DC: 443W Dual DC: 445W	Dual AC: 827W Three AC: 837W Four AC: 856W Dual DC: 823W Three DC: 825W Four DC: 828W
Typical power consumption	250W AC Single AC: 165W Dual AC: 175W 450W AC Single AC: 166W Dual AC: 175W 450W DC Single DC: 166W Dual DC: 171W	Single AC: 103W Dual AC: 109W Single DC: 107W Dual DC: 113W	Single AC: 291W Dual AC: 301W Single DC: 291W Dual DC: 299W	Single AC:439W Dual AC: 450W Single DC: 443W Dual DC: 445W	Dual AC: 827W Three AC: 837W Four AC: 856W Dual DC: 823W Three DC: 825W Four DC: 828W



Item	S6800-54QF	S6800-54QT	S6800-32Q	S6800-2C	S6800-4C
Maximum heat consumption (BTU/hour)	250W AC				
	Single AC: 563W				Dual AC: 2822W
	Dual AC: 597W				Three AC: 2856W
	450W AC	Single AC: 351W	Single AC: 993W	Single AC:1498W	Four AC: 2920W
	Single AC: 566W	Dual AC: 372W	Dual AC: 1027W	Dual AC:1535W	Dual DC: 2808W
	Dual AC: 597W	Single DC: 365W	Single DC: 993W	Single DC: 1511W	Three DC: 2815W
	450W DC	Dual DC: 385W	Dual DC: 1020W	Dual DC: 1518W	Four DC: 2825W
	Single DC: 566W				
	Dual DC: 583W				
Operating temperature	0°C to 45°C (32°F to 113°F)				
Operating humidity	5% to 95%, noncondensing				
MTBF(year)	63.12	46.93	41.1	47.2	45.96
MTTR(hour)	1	1	1	1	1

### Software Specification

Item	Feature description
Device Virtualization	IRF
	M-LAG(DRNI)
	S-MLAG
Network Virtualization	BGP-EVPN
	VxLAN
	EVPN ES
VxLAN	L2 VxLAN gateway
	L3 VxLAN gateway
	Distributed VxLAN gateway
	Centrilized VxLAN gateway
	EVPN VxLAN
	manual configured VxLAN
	IPv4 VxLAN tunnel
	QinQ VxLAN access
SDN	H3C SeerEngine-DC
Lossless network	PFC and ECN
	DCBX
	RDMA and ROCE
	PFC deadlock watchdog
Traffic analysis	Sflow



Item	Feature description
Programmability	Ansible
	Python//TCL/Restful API to realize DevOps automated operation and maintenance
	Openflow1.3
	Netconf
VLAN	Port-based VLANs
	Mac-based VLAN ,Subnet-based VLAN and Protocol VLAN
	VLAN mapping
	QinQ
	MVRP(Multiple VLAN Registration Protocol)
	Super VLAN
MAC address	PVLAN
	Dynamic learning and aging of mac address entries
	Dynamic,static and blackhole entries
	Mac address limiting on ports
IPv4 routing	RIP(Routing Information Protocol) v1/2
	OSPF (Open Shortest Path First) v1/v2
	ISIS(Intermediate System to Intermediate system)
	BGP (Border Gateway Protocol)
	Routing policy
	VRRP
IPv6 routing	PBR
	RIPng
	OSPF v3
	IPv6 IS IS
	BGP4+
	Routing policy
MPLS/VPLS	VRRP
	PBR
	Support L3 MPLS VPN
	Support L2 VPN: VLL (Martini, Kompella)
	Support MCE
	Support MPLS OAM
	Support VPLS, VLL
	Support hierarchical VPLS and QinQ+VPLS access
	Support P/PE function
	Support LDP protocol
Support L3 MPLS VPN	
Support L2 VPN: VLL (Martini, Kompella)	
Support MCE	
Support MPLS OAM	





Item	Feature description
MPLS/VPLS	IGMP snooping
	MLD snooping
	IPv4 and IPv6 multicast VLAN
	IPv4 and IPv6 PIM snooping
	IGMP and MLD
	PIM and IPv6 PIM
	MSDP
	Multicast vlan
Multicast VPN	
Reliability	LACP
	STP/RSTP/MSTP protocol, PVST compatible
	STP Root Guard and BPDU Guard
	RRPP and ERPS
	Ethernet OAM
	Smartlink
	DLDP
	BFD for OSPF/OSPFv3, BGP/BGP4, IS-IS/IS-ISv6, PIM/IPM for IPv6 and Static route
	VRRP and VRRPE
	LACP
STP/RSTP/MSTP protocol, PVST compatible	
STP Root Guard and BPDU Guard	
FC/FOCE	FC, FC subcard is supported on S6800-2C/S6800-4C
	FCOE
QOS	Weighted Random Early Detection (WRED) and tail drop
	Flexible queue scheduling algorithms based on port and queue, including strict priority (SP), Weighted
	Deficit Round Robin (WDRR), Weighted Fair Queuing (WFQ), SP + WDRR, and SP + WFQ.
	Traffic shaping
	Packet filtering at L2 (Layer 2) through L4 (Layer 4); flow classification based on source MAC address destination MAC address, source IP (IPv4/IPv6) address, destination IP (IPv4/IPv6) address, port, protocol, and VLAN to apply qos policy,including mirroring,redirection,priority remark etc.
	Committed access rate (CAR)
	Account by packet and byte
	COPP
	Weighted Random Early Detection (WRED) and tail drop
	Flexible queue scheduling algorithms based on port and queue, including strict priority (SP), Weighted
Deficit Round Robin (WDRR), Weighted Fair Queuing (WFQ), SP + WDRR, and SP + WFQ.	
Traffic shaping	
Telemetry	gRPC
	ERSPAN
	Packet capture



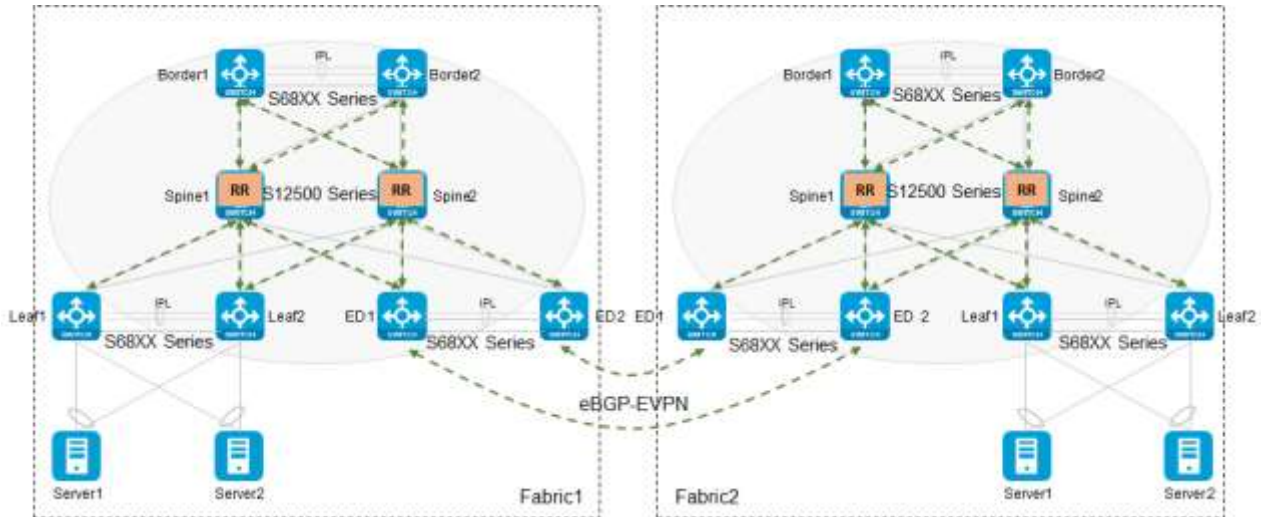
Item	Feature description	
Configuration and maintenance	Console telnet and SSH terminals	
	SNMPv1/v2/v3	
	ZTP	
	System log	
	File upload and download via FTP/TFTP	
	BootRom update and remote update	
	NQA	
	ping,tracert	
	NTP	
	PTP(1588v2)	
GIR Graceful Insertion and Removal	Macsec, Macsec subcard is supported on S6800-2C/4C, and only 100G macsec subcard can support 256-bit AES encryption	
Security and management	Hierarchical management and password protection of users	
	Authentication methods,including AAA,RADIUS and HWTACACS	
	Support DDos, ARP attack and ICMP attack function	
	IP-MAC-port binding and IP Source Guard	
	SSH 2.0	
	HTTPS	
	SSL	
	PKI	
	Boot ROM access control (password recovery)	
	RMON	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		
GB/T 9254		
YD/T 993	IEEE Standard	
802.3x/802.3ad/802.3AH/802.1P/802.1Q/802.1X/802.1D/802.1w/802.1s/802.1AG		
802.1x/802.1Qbb/802.1az/802.1Qaz	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 and scalability

Item	Description	
<b>Virtualization</b>	IRF2.0 stack	9
	M-LAG device number	2
	ED group	8
<b>ACL</b>	max number of ingress ACLs	8
	max number of ingress Car	16K
	max number of ingress Counter	8K
	max number of egress ACLs	8K
	max number of egress Car	1024
	max number of egress Counter	512
<b>Forwarding table</b>	Jumbo frame length(byte)	512
	Mirroring group	10000
	PBR policy	4
	PBR node	1000
	max number of MACs per switch	256
	max number of ARP entries IPv4	32K min/288K Max
	max ND table size for IPv6	16K min/208K max
	IPv4 FIB	16K min/250K max
	IPv6 FIB	8K min/120K max
	IPv4 I2 multicast group	16000
	IPv4 I3 multicast group	16000
	IPv4 multicast routing	16K
	IPv6 I2 multicast group	8000
	IPv6 I3 multicast group	8000
	IPv6 multicast routing	8K
	LAG group	1024
	LAG member per group	32
	ECMP group	max 4K
	ECMP member per group	2-128
	VRF	4095
	<b>Interface</b>	Loopback interface number
L3 sub interface number		1000
SVI interface number		2K
VxLAN AC number		15K
VxLAN VSI number		15K
VxLAN tunnel number		2K
VSI interface number		8K
IPv4 tunnel number		511
IPv6 tunnel number		128
VLAN number		4094
<b>Performance</b>	RIB	500K
	MSTP instance	64
	PVST instance	510
	PVST logical port number	2000
	VRRP VRID	255
	VRRP group	256
	NQA group	32
<b>Static table</b>	static mac-address	1024
	static multicast mac-address	4096
	static ARP	1K
	static ND	1K
	static IPv4 routing table	4K
static IPv6 routing table	2K	

## Data Center Application

The typical data center application is an EVPN-VxLAN design, S125G-AF or S125X-AF switches work as spine or spine/border, S68XX series work as leaf and border or ED. From this design, the users can get a non-blocking large L2 system.



## Order information

PID	Description
LS-6800-54QT-H3	H3C S6800-54QT L3 Ethernet Switch with 48 10GBASE-T and 6 QSFP Plus Ports
LS-6800-54QF-H3	H3C S6800-54QF L3 Ethernet Switch with 48 SFP Plus Ports and 6 QSFP Plus Ports, No Power
LS-6800-2C-H1	H3C S6800-2C L3 Ethernet Switch with 2*QSFP Plus Ports and 2*Interface Module Slots
LS-6800-4C-H1	H3C S6800-4C L3 Ethernet Switch with 4*Interface Module Slots
LS-6800-32Q-H1	H3C S6800-32Q L3 Ethernet Switch with 32 QSFP+ Ports
<b>Power</b>	
LSVM1AC650	650W AC Power Supply Module, for 2C/4C/32Q/54HT/54HF
LSVM1DC650	650W DC Power Supply Module, for 2C/4C/32Q/54HT/54HF
PSR250-12A	250W AC Power Supply Module, for 54QF, Power to Port Airflow
PSR250-12A1	250W AC Power Supply Module, for 54QF, Port to Power Airflow
PSR450-12D	450W DC Power Supply Module, for 54QT/54QF
PSR450-12A1	450W AC Power Supply Module, for 54QT/54QF
<b>Fan</b>	
LSWM1HFANSCB	Fan Module with Port to Power Airflow for 2C/32Q/54HF/54HT
LSWM1HFANSC	Fan Module with Power to Port Airflow for 2C/32Q/54HF/54HT
LSWM1BFANSCB	Fan Module with Port to Power Airflow for 4C
LSWM1BFANSC	Fan Module with Power to Port Airflow for 4C
LSPM1FANSA	Fan Module(Power to Port Airflow) for 54QF/54QT
LSPM1FANSB	Fan Module(Port to Power Airflow) for 54QF/54QT
<b>Module</b>	
LSWM18QC	8-Port QSFP Plus Interface Card
LSWM124XG2Q	24-Port SFP Plus and 2-Port QSFP Plus Interface Card with MACSec
LSWM124XGT2Q	24-Port 10GBASE-T and 2-Port QSFP Plus Interface Card with MACSec
LSWM124XG2QL	24-Port SFP Plus and 2-Port QSFP Plus Interface Card
LSWM124XG2QFC	24 Ports SFP Plus and 2 Ports QSFP Plus Interface Card with FC
LSWM12H2Q	H3C S6800 2-Port QSFP28 and 2-Port QSFP Plus Ethernet Optical Interface Module
<b>Transceiver</b>	
LSWM1QSTK0	40G QSFP+ Cable 1m
LSWM1QSTK1	40G QSFP+ Cable 3m
LSWM1QSTK2	40G QSFP+ Cable 5m
QSFP-40G-D-AOC-10M	40G QSFP+ to 40G QSFP+ 10m Active Optical Cable
QSFP-40G-D-AOC-20M	40G QSFP+ to 40G QSFP+ 20m Active Optical Cable
QSFP-40G-D-AOC-7M	40G QSFP+ to 40G QSFP+ 7m Active Optical Cable
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-40G-LR4-WDM1300	QSFP+ 40GBASE Optical Transceiver Module (1310nm,10km,LR4,LC)
QSFP-40G-BIDI-SR-MM850	QSFP+ 40GBASE BIDI Optical Transceiver Module (850nm,100m,SR)
QSFP-40G-LR4L-WDM1300	QSFP+ 40GBASE Optical Transceiver Module (1310nm,2km,LR4L,LC)
QSFP-40G-SR4-MM850	QSFP+ 40GBASE Optical Transceiver Module (850nm,100m,SR4,Support 40G to 4*10G)



PID	Description
<b>Transceiver</b>	
QSFP-40G-SR4-MM850	QSFP+ 40GBASE Optical Transceiver Module (850nm,100m,SR4,Support 40G to 4*10G)
QSFP-40G-BIDI-SR-MM850	QSFP+ 40GBASE BIDI Optical Transceiver Module (850nm,100m,SR)
QSFP-40G-LR4L-WDM1300	QSFP+ 40GBASE Optical Transceiver Module (1310nm,2km,LR4L,LC)
QSFP-40G-LR4-PSM1310	QSFP+ 40GBASE Optical Transceiver Module (1310nm,10km,MPO/APC,LR4,Parallel Single Mode)
QSFP-100G-SR4-MM850	100G QSFP28 Optical Transceiver Module (850nm,100m OM4,SR4,MPO)
QSFP-100G-PSM4-SM1310	100G QSFP28 Optical Transceiver Module (1310nm,500m,PSM4,MPO/APC)
QSFP-100G-LR4L-WDM1300	100G QSFP28 Optical Transceiver Module (1310nm,2km,LR4L,CWDM4,LC)
QSFP-100G-LR4-WDM1300	100G QSFP28 Optical Transceiver Module(1310nm,10km,LR4,WDM,LC)
<b>Cable</b>	
LSWM1STK	SFP+ Cable 0.65m
LSWM2STK	SFP+ Cable 1.2m
LSWM3STK	SFP+ Cable 3m
LSTM1STK	SFP+ Cable 5m
SFP-XG-D-AOC-7M	SFP+ to SFP+7m AOC
SFP-XG-D-AOC-10M	SFP+ to SFP+10m AOC
SFP-XG-D-AOC-20M	SFP+ to SFP+20m AOC
LSWM1QSTK0	40G QSFP+ Cable 1m
LSWM1QSTK1	40G QSFP+ Cable 3m
LSWM1QSTK2	40G QSFP+ Cable 5m
QSFP-40G-D-AOC-7M	40G QSFP+ to 40G QSFP+7m AOC
QSFP-40G-D-AOC-10M	40G QSFP+ to 40G QSFP+10m AOC
QSFP-40G-D-AOC-20M	40G QSFP+ to 40G QSFP+20m AOC
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
<b>License</b>	
LIS-S6800-DC	H3C S6800 Data Center License FCoE, FC, SPB, Trill, EVB require a software license. Only one license is required even if multiple features are installed on the switch.

**New H3C Technologies Co., Limited**

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