



# H3C S10500X-G Series Next Generation Core Switch

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New H3C Technologies Co., Limited

## Overview

H3C S10500X-G switch series is a series of Ethernet core switches specifically designed for the core layer of cloud computing data centers and next-generation intelligent campuses. Running the H3C proprietary Comware 7 operating system, it offers a trusted and secure platform. With redundancy designs for the main components including the supervisor engine units (also called MPUs), switch fabric modules, fan trays, and power supplies, it delivers carrier-grade high reliability. It offers high-density GE/10GE/25GE/40GE/100GE and 400GE ports, supports mainstream technologies such as VXLAN, MDC, M-LAG and IRF 2, and integrates rich networking services including MPLS VPN, IPv6, embedded AC, and traffic analytics. It uses green designs from the hardware components to the chassis exterior and is fully compliant with the RoHS directive.

The S10500X-G series switch includes the S10506X-G, S10508X-G and S10512X-G models, with port density and performance to fit different deployment scales.



S10506X-G/S10506X-G-PoE

S10508X-G

S10512X-G

## Features

### Advanced System Architecture

The system architecture incorporates the following advanced designs:

- CLOS+ architecture and midplane-free design separate the forwarding plane and control plane completely and allows bandwidth scaling as business grows.
- Orthogonal interconnection of switching fabric modules and service modules eliminates cabling on the backplane and thus significantly reduces signal attenuation, with slot bandwidth up to 3.1Tbps on

S10506X-G/S10506X-G-PoE and 4.6Tbps on S10508X-G/S10512X-G.

- Compliant with 100G and 400G Ethernet standards, meeting the requirements of non-blocking campus networks today and in the future.
- High-density GE/10GE/25GE/40GE/100GE ports, meeting the requirements of applications today and in the future.
- 400G Ethernet ports, meeting inter-data center and inter-campus connection requirements.
- Thorough system optimization enables the device to forward traffic within 100 seconds after power on, greatly reducing service interruption time.
- New chassis dimension design enables the device to carry high-performance data forwarding within a small size, greatly improving cabinet space usage efficiency.
- Redundancy design for key components including MPUs, switch fabric modules, fan trays, power supplies, and power switches, maximizing the system availability and guarding the device against emergency and unexpected conditions.

## Distributed Multi-Engines

The switch innovatively uses distributed control engines, detection engines, and maintenance engines to deliver powerful control capability and millisecond-level HA.

- Distributed control engines: Each service module is integrated with a strong control and processing system. It can efficiently process varieties of protocol packets and control packets, and provide refined control for protocol packets to safeguard against protocol packet attacks.
- Distributed detection engines: Each service module can use BFD and OAM to detect faults in milliseconds and interact with control plane protocols for fast failover and convergence to ensure service continuity.
- Distributed maintenance engines: The intelligent CPU system supports intelligent power management and online status monitoring of key components. It can power on and off modules in sequence, which reduces power impulse, electromagnetic radiation, and power consumption, and prolongs the device lifespan.

## Intelligent Resilient Framework 2 (IRF 2)

H3C Intelligent Resilient Framework 2 (IRF 2) virtualizes multiple S10500X switches into one logical switch called an IRF fabric. IRF improves system performance and delivers the following benefits:

- 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.
- Simplified topology and easy management: An IRF fabric appears as one node and is accessible at a single IP address on the network. This simplifies network device and topology managements, improves operating efficiency, and reduces maintenance cost.

## Multitenant Device Context (MDC)

MDC virtualizes one S10500X-G switch into multiple logical switches, enabling multiple services to share one core switch. The 1:N virtualization maximizes switch utilization, reduces network TCO, and ensures secure isolation of services.

## Multi-chassis Link Aggregation Group (M-LAG) (Original DRNI)

The S10500X-G series switch supports 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.

## Abundant Data Center Solutions

The switch offers a wide range of solutions for data center virtualization and network convergence, including:

- VXLAN: A MAC-in-UDP technology that provides Layer 2 connectivity between distant network sites across an IP network. It also enables service isolation between different tenants.
- Edge Virtual Bridging (EVB): Uses the Virtual Ethernet Port Aggregator (VEPA) mode to switch traffic of VMs to a physical switch connected to the server for processing. This not only ensures traffic forwarding between VMs, but also enables VM traffic policing and access control policy deployment.
- MP-BGP EVPN (Multiprotocol Border Gateway Protocol Ethernet Virtual Private Network) uses standard-



based BGP protocol as the control plane for VXLAN overlay networks, providing BGP based VTEP auto peer discovery and end-host reachability information distribution. MP-BGP EVPN delivers many benefits, such as eliminating traffic flooding, reducing full mesh requirements between VTEPs via the introduction of BGP RR, achieving optimal flow-based end to end load sharing and more.

## Comprehensive IPv6

The switch offers comprehensive IPv6 features, including:

- IPv6 routing: IPv6 static routing, RIPng, OSPFv3, IS-ISv6, and BGP4+.
- IPv4-to-IPv6 transition: IPv6 manual tunnel, 6to4 tunnel, ISATAP tunnel, GRE tunnel, and IPv4-compatible automatic tunnel configuration.

## Media Access Control Security (MACsec)

The 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.

## Green Designs

The device uses green designs from hardware components to the chassis exterior.

- Water-based paint without electroplating for the chassis exterior significantly reduces carbon emissions.
- Strict front-to-rear air flow reduces the airflow resistance and improves heat dissipation efficiency, allowing side-by-side deployment of cabinets.
- The fan trays provide area-based refined, intelligent speed adjustment and reduce the speed regulation response time to seconds, saving power consumption significantly.

## Hardware Specifications

| Features            | S10506X-G          | S10508X-G           | S10512X-G           |
|---------------------|--------------------|---------------------|---------------------|
|                     | S10506X-G-PoE      |                     |                     |
| Switching capacity  | 38.4Tbps/76.8Tbps* | 51.2Tbps/153.6Tbps* | 76.8Tbps/230.4Tbps* |
| Forwarding capacity | 19200Mpps          | 25600Mpps           | 68400Mpps           |
| MPU slots           | 2                  |                     |                     |
| MPU Console Ports   | 1x RJ-45           | 1x RJ-45            | 1x RJ-45            |



| Features                      | S10506X-G  | S10508X-G                             | S10512X-G                             |
|-------------------------------|--|---------------------------------------|---------------------------------------|
|                               | S10506X-G-PoE  |                                       |                                       |
| MPU MGMT Ports                | 1x 10/100/1000M RJ-45<br>1x 1000M SFP  | 1x 10/100/1000M RJ-45<br>1x 1000M SFP | 1x 10/100/1000M RJ-45<br>1x 1000M SFP |
| MPU USB Port                  | 1  | 1                                     | 1                                     |
| LPU slots                     | 6  | 8                                     | 12                                    |
| Switching fabric module slots | 4  | 6                                     | 6                                     |
| Fan Trays                     | 2  | 3                                     | 3                                     |
| Power modules                 | 4 (non- PoE)+8 (PoE)   | 6                                     | 8                                     |
| Hardware architecture         | Orthogonal CLOS  |                                       |                                       |
| Redundancy                    | Redundant MPUs, switching fabric modules, power modules, and fan trays           |                                       |                                       |
| Operating environment         | Temperature: 0°C to 45°C (32°F to 113°F)<br>Humidity: 5% to 95% (non-condensing) |                                       |                                       |
| Input voltage                 | AC: 100V ~ 240V<br>DC: -48V ~ -60V   |                                       |                                       |
| Maximum power consumption     | 3012W  | 4374W                                 | 6309W                                 |
| MTBF(Year)                    | 36.5   | 27.05                                 | 21                                    |
| MTTR(Hour)                    | 0.5  | 0.5                                   | 0.5                                   |
| Dimension (H x W x D)/mm      | 442×440×520<br>10U   | 530×440×640<br>12RU                   | 796×440×640<br>18RU                   |
| Fully loaded weight           | S10506X-G: < 85 kg/187.4 lb<br>S10506X-G-PoE: < 95 kg/209lb                      | < 130 kg<br>< 286.6 lb                | < 180 kg<br>< 396.8 lb                |

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

Switching capacity \*: capacity of backplane.

## Software Specifications

| Feature  | S10500X-G switch series  |
|----------|--|
| Ethernet | IEEE 802.1Q VLAN (up to 4K VLANs and 4K VLAN interfaces)<br>DLDP<br>LLDP<br>Static MAC configuration |



| Feature | S10500X-G switch series   |
|---------|---|
|         | <p>Limited MAC learning</p> <p>Port mirroring and traffic mirroring</p> <p>Mirroring, SPAN, RSPAN, ERSPAN with Max. 128 mirror groups</p> <p>Port aggregation, LACP, port isolation, and port mirroring</p> <p>802.1d(STP)/802.1w(RSTP)/802.1s(MSTP)/PVST/PVST+</p> <p>Up to 64 MSTP instances</p> <p>Up to 126 PVST/PVST+ instances</p> <p>STP Root Guard</p> <p>BPDU Guard, BPDU filter</p> <p>IEEE 802.3ad (dynamic link aggregation), static port aggregation, and multi-chassis link aggregation</p> <p>IEEE 802.1P (CoS priority)</p> <p>IEEE 802.1ad (QinQ), selective QinQ and Vlan mapping</p> <p>GVRP</p> <p>RRPP (Rapid Ring Protection Protocol)</p> <p>Jumbo frame (13312)</p> <p>SuperVLAN</p> <p>PVLAN</p> <p>Guest VLAN</p> <p>Voice VLAN</p> <p>MVRP(IEEE802.1ak)</p> <p>Broadcast/multicast/unknown unicast storm constrain</p> <p>Port-based, Protocol-based, Subnet-based and MAC-based VLAN</p> <p>Max. 720,896 MAC entries (SF cards)</p> |
| Routing | <p>Static routing, RIPv1/v2, OSPF, IS-IS, and BGP4</p> <p>ARP proxy</p> <p>ARP snooping</p> <p>DHCP client, DHCP server, DHCP relay, DHCP snooping, DHCP option82</p> <p>DHCPv6 client, DHCPv6 server, DHCPv6 relay, DHCPv6 snooping, DHCPv6 option82</p> <p>Max. 16K DHCP-security users</p> <p>IPv4/IPv6 ECMP</p> <p>IPv4/IPv6 Policy-based routing</p> <p>IPv4/IPv6 Routing policy</p> <p>IPv4/IPv6 dual stack</p>   |





| Feature   | S10500X-G switch series   |
|-----------|---|
|           | IPv6 static routing, RIPng, OSPFv3, IS-ISv6, and BGP4+<br>Pingv6, Telnetv6, FTPv6, TFTPv6, DNSv6, ICMPv6<br>IPv4-to-IPv6 transition technologies, such as IPv6 manual tunnel, 6to4 tunnel, ISATAP tunnel, GRE tunnel, IPv4-compatible IPv6 tunnel<br>Max. 96,230 ARP entries (SF cards)<br>Max. 81,350 ND entries (SF cards)<br>Max. 780,288 IPV4 routing entries (SF cards)<br>Max. 278,528 IPV6 routing entries (SF cards)  |
| Multicast | PIM-DM, PIM-SM, PIM-SSM, MSDP, MBGP, and Any-RP<br>IGMP V1/V2/V3, IGMP V1/V2/V3 Snooping<br>IGMP Filter and IGMP Fast leave<br>PIM snooping, IPv6 Pim-snooping<br>Multicast VLAN<br>PIM6-DM, PIM6-SM, PIM6-SSM<br>MLD V1/V2, MLD V1/V2 Snooping<br>Multicast policy and Multicast QoS<br>Max. 8K L2 multicast entries<br>Max. 8K L3 multicast entries (SF cards)  |
| ACL/QoS   | Standard and extended ACLs<br>Ingress and Egress ACL<br>VLAN ACL<br>Global ACL<br>Ingress/Egress CAR<br>Diff-Serv QoS<br>802.1P/DSCP Priority marking and remarking<br>802.1p, TOS, DSCP, and EXP priority mapping<br>Flexible queue scheduling algorithms including SP, WRR, SP+WRR, WFQ<br>Traffic shaping<br>Congestion avoidance, Tail-Drop and WRED<br>Ingress/Egress counting<br>COPP<br>Max. 36MB Buffer (SF cards)<br>Max. 26K IPv4 ACL (SF cards)<br>Max. 8K IPv6 ACL (SF cards) |





| Feature                        | S10500X-G switch series  |
|--------------------------------|--|
| SDN/OPENFLOW                   | Support SDN solution (AD-Campus)<br>OpenFlow 1.3<br>Multiple controllers (EQUAL, master/slave)<br>Multiple tables flow<br>Group table<br>Meter   |
| VXLAN                          | VXLAN L2 switching<br>VXLAN L3 routing<br>VXLAN VTEP<br>L2 VxLAN gateway, L3 VxLAN gateway<br>Distributed VxLAN gateway, Centralized VxLAN gateway<br>IPv4/IPv6 VxLAN tunnel<br>VXLAN OAM ping/tracert<br>IS-IS+ENDP distributed control plane<br>MP-BGP+EVPN distributed control plane, EVPN-DCI<br>EVPN ES<br>OpenFlow+Netconf centralized control plane |
| Programmability and automation | Ansible<br>Auto DevOps by using Python, NETCONF, TCL, and Restful APIs for automated network programming   |
| Lossless Ethernet              | PFC (supported on SF card)<br>ECN (supported on SF card)<br>RoCEv2 (supported on SF card)  |
| MPLS/VPLS                      | L3 MPLS VPN<br>L2 VPN: VLL (Martini, Kompella)<br>MCE<br>MPLS OAM<br>VPLS, VLL<br>P/PE function<br>LDP   |
| Multiservice Convergence       | Unified Wireless Access Controller<br>AP Auto Registration<br>Wireless User WPA2 + PSK Authentication  |



| Feature           | S10500X-G switch series   |
|-------------------|---|
|                   | Wireless User Portal Authentication   |
| Security          | Hierarchical user management and password protection<br>EAD<br>Port security<br>Portal authentication<br>MAC authentication<br>IEEE 802.1x and IEEE 802.1x SERVER<br>AAA/Radius<br>TACACS+<br>HWTACACS (HW Terminal Access Controller Access Control System) (Same authentication processes and implementations with TACACS+)<br>SSHv1.5/SSHv2<br>Basic and advanced ACLs for packet filtering<br>OSPF, RIPv2, BGPv4 plain text and MD5 authentication<br>IP address, VLAN ID, MAC address multiple binding combination<br>MACsec<br>uRPF<br>HTTPS<br>SSL<br>PKI<br>Secure boot<br>TPM, Trust computing<br>Active/standby data backup<br>Micro-segmentation |
| System management | IMC network management system<br>Loading and upgrading through XModem/FTP/TFTP<br>SNMP v1/v2c/v3<br>SmartMC<br>sFlow, Netstream<br>Telemetry<br>INT, (INT is support on SF card)<br>MOD (Mirror on drop)<br>Packet capture<br>gRPC  |



| Feature | S10500X-G switch series   |
|---------|---|
|         | <p>Telemetry Stream, (Telemetry Stream is support on SF card)</p> <p>RMON and groups 1,2,3 and 9</p> <p>NTP and PTP (1588v2)</p> <p>NQA, iNQA</p> <p>Fault alarm and automatic fault recovery</p> <p>System logs</p> <p>ZTP</p> <p>Ping, Tracert, VxLAN ping and VxLAN tracert</p> <p>eMDI, (eMDI is support on SF card)</p> <p>Cloud management</p> <p>Device status monitoring mechanism, including the CPU engine, backplane, chips and other key components</p>   |
| HA      | <p>Independent switching fabric modules</p> <p>1+1 redundancy for key components such as MPUS and M+N redundancy for power modules</p> <p>N+1 redundancy for switching fabric modules</p> <p>Passive backplane</p> <p>Hot swapping for all components</p> <p>Real-time data backup on active/standby MPUs</p> <p>CPU protection</p> <p>IP source guard</p> <p>Loop detection</p> <p>Ethernet OAM</p> <p>VRRP, VRRPv3</p> <p>Hot patching</p> <p>NSR/GR for OSPF/BGP/IS-IS/RSVP</p> <p>Port aggregation and multi-card link aggregation, LACP</p> <p>BFD for VRRP, BGP/BGPv4, IS-IS/IS-ISv6, PIM/PIM for IPV6, OSPF/OSPFv3, RSVP, static routing, with a failover detection time less than 50 milliseconds</p> <p>Hardware BFD</p> <p>Ethernet QAM (802.1ag and 802.3ah)</p> <p>RRPP/ERPS/EERN</p> <p>VCT</p> <p>Track</p> |



| Feature | S10500X-G switch series  |
|---------|--|
|         | Monitor Link<br>Smart-Link<br>IRF<br>ISSU<br>M-LAG<br>S-MLAG<br>MDC<br>Loopback Detection  |
| Green   | IEEE (802.3az)   |
| EMC     | FCC Part 15 Subpart B CLASS A<br>ICES-003 CLASS A<br>VCCI CLASS A<br>CISPR 32 CLASS A<br>EN 55032 CLASS A<br>AS/NZS CISPR32 CLASS A<br>CISPR 24<br>EN 55024<br>EN 61000-3-2<br>EN 61000-3-3<br>ETSI EN 300 386 |
| Safety  | UL 60950-1<br>CAN/CSA C22.2 No 60950-1<br>IEC 60950-1<br>EN 60950-1<br>AS/NZS 60950-1<br>FDA 21 CFR Subchapter J<br>GB 4943.1  |

## Ordering information

| Product ID | Product Description |
|------------|---------------------|
| Chassis    |                     |

| Product ID                 | Product Description   |
|----------------------------|---|
| LS-10506X-G                | H3C S10506X-G Ethernet Switch Chassis   |
| LS-10506X-G-PoE            | H3C S10506X-G Ethernet Switch Chassis, PoE  |
| LS-10508X-G                | H3C S10508X-G Ethernet Switch Chassis   |
| LS-10512X-G                | H3C S10512X-G Ethernet Switch Chassis   |
| <b>Power Supply Module</b> |   |
| PSR1600B-12A-B             | 1600W AC Power Supply Module (Power Panel Side Exhaust Airflow)   |
| PSR2000-12D-B              | 2000W DC Power Supply Module(Power Panel Side Exhaust Airflow)  |
| PSR1600-54A-B              | 1600W/56V PoE Power Supply Module (Power Panel Side Exhaust Airflow)  |
| <b>Fan Tray Module</b>     |   |
| FAN-80B-4-A                | Fan Tray Module   |
| FAN-80B-5-A                | Fan Tray Module   |
| FAN-80B-8-A                | Fan Tray Module   |
| <b>Supervisor Engine</b>   |   |
| LSEM1SUPA0                 | H3C S10500X-G Supervisor Engine Unit,Type A   |
| LSEM3SUPA0                 | H3C S10500X-G Supervisor Engine Unit,Type A   |
| LSEM1SUPB0                 | H3C S10512X-G Supervisor Engine Unit,Type B   |
| LSEM3SUPB0                 | H3C S10512X-G Supervisor Engine Unit,Type B   |
| <b>Switch Fabric Unit</b>  |   |
| LSEM1SF06D0                | H3C S10506X-G Switch Fabric Module,Type D   |
| LSEM1SF08C0                | H3C S10508X-G Switch Fabric Module,Type C   |
| LSEM1SF12B0                | H3C S10512X-G Switch Fabric Module,Type B   |
| LSEM1SF06B0                | H3C S10506X-G Switch Fabric Module,Type B   |
| <b>Line Card</b>           |   |
| LSEM1GT48TSSD0             | H3C S10500X-G 48-Port 10/100/1000BASE-T Interface(RJ45)+4-Port 10G Ethernet Optical Interface Module (SFP+,LC)(SD)  |
| LSEM1GV48TSSD0             | H3C S10500X-G 48-Port 10/100/1000BASE-T Interface(RJ45)+4-Port 10G Ethernet Optical Interface Module (SFP+)(SD),PoE Plus  |
| LSEM1GT24GP16TSSD0         | H3C S10500X-G 24-Port 10/100/1000BASE-T Ethernet Copper Interface(RJ45)+16-Port 1000BASE Ethernet Optical Interface(SFP)+12-Port 10G Ethernet Optical Interface Module (SFP+)(SD) |
| LSEM2TGS16GP32SD0          | H3C S10500X-G 16-Port 10G Ethernet Optical Interface(SFP+) + 32-Port 1000BASE Ethernet Optical Interface Module (SFP)(SD)   |



| Product ID         | Product Description   |
|--------------------|---|
| LSEM1TGS24SD0      | H3C S10500X-G 24-Port 10G Ethernet Optical Interface Module (SFP+,LD)(SD)   |
| LSEM1TGS48SD0      | H3C S10500X-G 48-Port 10G Ethernet Optical Interface Module (SFP+,LC)(SD)   |
| LSEM1TGS48QSSF0    | H3C S10500X-G 48-Port 10G Ethernet Optical Interface(SFP+,LC) + 4-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)  |
| LSEM3TGS48QSSF0    | H3C S10500X-G 48-Port 10G Ethernet Optical Interface(SFP+) + 4-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)   |
| LSEM1TGT48SD0      | H3C S10500X-G 48-Port Multigigabit Ethernet (10G/5G/2.5G/1G/100Mbps) Copper Interface Module (RJ45)(SD)   |
| LSEM2TGS48SD0      | H3C S10500X-G 48-Port 10G Ethernet Optical Interface Module (SFP+)(SD)  |
| LSEM1YGS48CQSF0    | H3C S10500X-G 48-Port 25G Ethernet Optical Interface (SFP28)+4-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM3YGS48CQSF0    | H3C S10500X-G 48-Port 25G Ethernet Optical Interface (SFP28) + 4-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM1QGS16SF0      | H3C S10500X-G 16-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)   |
| LSEM3QGS16SF0      | H3C S10500X-G 16-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)   |
| LSEM1QGS36SF0      | H3C S10500X-G 36-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)   |
| LSEM3QGS36SF0      | H3C S10500X-G 36-Port 40G Ethernet Optical Interface Module (QSFP+)(SF)   |
| LSEM1GT48TS24QSSD0 | H3C S10500X-G 48-Port 10/100/1000BASE-T Ethernet Copper Interface(RJ45)+24-Port 10G Ethernet Optical Interface(SFP+)+2-Port 40G Ethernet Optical Interface Module (QSFP+)(SD) |
| LSEM1CGQ16SF0      | H3C S10500X-G 16-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM3CGQ16SF0      | H3C S10500X-G 16-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM1CGQ36SF0      | H3C S10500X-G 36-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM3CGQ36SF0      | H3C S10500X-G 36-Port 100G Ethernet Optical Interface Module (QSFP28)(SF)   |
| LSEM1CDQ2SF0       | H3C S10500X-G 2-Port 400G Ethernet Optical Interface Module (QSFP-DD)(SF)   |
| LSEM3CDQ2SF0       | H3C S10500X-G 2-Port 400G Ethernet Optical Interface Module (QSFP-DD)(SF)   |



## Datasheet history

| Description  | Location             | Date              |
|--|----------------------|-------------------|
| Following new products added in 'Ordering Information':<br>LSEM2TGS16GP32SD0 | Ordering Information | February 23, 2024 |



The Leader in Digital Solutions

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