

H3C4 Optical Port Switch



AI Overview

H3C optical port switches are high-performance network devices designed for data centers, campus networks, and all-optical network deployments, supporting a wide range of optical modules and high-speed connectivity.

Overview

H3C offers a variety of switches with optical ports suitable for different network scenarios, including data centers, smart campuses, and industrial environments. These switches support high-density, high-speed optical connections using SFP, SFP+, QSFP, QSFP-DD, and OSFP modules, enabling speeds from 1G to 800G per port depending on the model. Optical ports allow long-distance, low-latency, and high-bandwidth communication, making them ideal for backbone and aggregation layers.

Key Models and Features

- **H3C S9827 Series:** Designed for data centers, these switches provide up to 64×800G or 128×400G ports, supporting modular power supplies, fan trays, and flexible supervisor engines. They support ROCEv2, VXLAN, M-LAG, and SDN integration, enabling low-latency, lossless transmission and automated network management. Optical ports support LPO and DSP transceivers, with splitting and downgrading capabilities (e.g., 800G split into 400G×2 or 200G×4).
- **H3C S5580X-HI Series:** These are high-performance Layer 3 Ethernet switches for campus networks, supporting 10G/25G SFP28 and 1G/10G SFP+ optical ports. They implement IRF2 technology for virtualized device management, allowing multiple switches to operate as a single logical device, simplifying configuration and manage...

Article Content

Apr 08, 2026

H3C Products Calalogue (H3C Server, Switch) | PDF

It inherits and develops the CLOS+ architecture, variable cell-based switching traffic scheduling and control forwarding mechanism to

Sep 11, 2025

H3C LS-S5120V3-28P-HPWR-SI Switch

LS-S5120V3-28P-HPWR-SI H3C switch offers 24 Gigabit POE ports and 4 optical ports. Ideal for VLAN, SNMP, and QoS. Enjoy 1

Mar 19, 2026

New H3C S10500 Series Ethernet Core Switch Optical Transmission ...

H3C S10500 series switch products are core switching products specially designed and developed by H3C for cloud

Jan 27, 2026

H3C S7500X-G Series Optical Line Terminal (OLT)

Cost-effective design Differentiated and compact design: S7503X-M-G chassis hosts 124 ports in 4U chassis; Service ports

Dec 14, 2025

Switches-H3C

H3C industrial switches can operate in -40°C - 75°C environments for a long time, and use industrial components to reach IP40

May 17, 2026

H3C S9827 Series Data Center Switches

H3C S9827 high-density intelligent series switches is developed for data centers and cloud computing networks. It provides powerful

May 31, 2026

Product Iteration Summary of Data Center Switches

To meet the requirements of customers and provide highly competitive products, H3C continuously upgrade the

Aug 08, 2025

H3C S5024PV5-EI-PWR 24-Port Gigabit PoE Switch, 4

Equipped with 4 optical fiber ports, this switch also supports VLAN and web page management, enabling

Apr 07, 2026

H3C S5024PV2-PWR-EI Switch

H3C S5024PV2-PWR-EI Layer 2 24-port Gigabit+4 Optical Port POE Power Supply Switch AP Monitoring No reviews yet Shenzhen

Nov 17, 2025

Amazon : Fiber Switches

Discover fiber switches designed for reliable network connectivity. Browse 10G, 2.5G, and gigabit options to expand your bandwidth.

Sep 25, 2025

H3C S7500X Enterprise Core Switch Series

H3C S7500X switch series is the first of its kinds in the industry to support wire speed performance for high density 10G/40G/100G

Jan 11, 2026

Optical Switches

The fastest, smallest, most reliable optical switches in the industry. Used in medical devices, undersea

Apr 10, 2026

H3C ES4200 Gigabit Switch Series

The ES4200 series switches use professional built-in surge protection technology and support the industry-leading 6KV service port

May 13, 2026

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

H3C S5810 series Ethernet switch is a high-performance Gigabit Ethernet switch product independently developed by (Huasan) Co.,

Nov 13, 2025

H3C S6520X-EI Series Enhanced 10GE Switches

H3C S6520X-EI Series Switches—Industry-leading high performance and scalable 10GE access switching solution developed by

Dec 08, 2025

H3C S1200 Unmanaged Gigabit Ethernet Switch Series

H3C S1200 is self-developed unmanaged Gigabit switch series by H3C, which delivers wire-speed Gigabit Ethernet connectivity, in

Mar 02, 2026

Fiber Optic Ethernet Switches | McMaster-Carr

Choose from our selection of fiber optic ethernet switches, including DIN-rail mount ethernet switches, light duty ethernet switches,

Sep 24, 2025

H3C S1600V2 Gigabit Access Web Managed Switch Series

All series support "Ethernet port + optical port" combination, adapting to various scenarios of networking needs, convenient and

Oct 19, 2025

Jupiter Evolving: Transforming Google's Datacenter Network via

Jupiter Evolving: Transforming Google's Datacenter Network via Optical Circuit Switches and Software-Defined Networking Leon

Feb 15, 2026

How To View Optical Transceiver Information On H3C Switches

Optical transceivers are widely applied in switches, routers, network cards and other communication equipment.

Mar 24, 2026

H3C IE4320 Series Rackmount Industry Ethernet Switches

H3C IE4320 series industrial switches can not only perform virtualization through 10G optical interfaces, but also can be virtualized

May 08, 2026

Switches-H3C

Products Data Center Switches Campus Network Switches AON Network Industrial Switches Data Center Switches Ultra-wideband,

Nov 10, 2025

H3C S6520X-SI Series Multi-Gigabit 10GE Switches

H3C S6520X-SI series switches offer high-density 10GE forwarding and can expand 10GE ports flexibly, working at wire-speed. It

Oct 24, 2025

H3C FS5500V2-EI Series Converged Optical Electrical Switches

H3C FS5500V2-EI series switches are a new generation of high-performance, high-port density, high-security Layer 3 Ethernet

Apr 25, 2026

H3C IE4300 Series Industrial Switches

H3C IE4300 series industrial switches support AAA, RADIUS authentication, user-based account, IP, MAC, VLAN and port based

May 24, 2026

H3C LSCM2CGT24TSSC8

The H3C LSCM2CGT24TSSC8 is a high-density switch module with 24x Gigabit ports and 4x 10G SFP+ ports. Designed for H3C

Sep 20, 2025

H+S Polatis

Software Defined Networking enabled All Optical Switches. Industry leading performance - optical loss below 1dB. Customized MxN

Jun 15, 2026

H3C SMB-MS4024P-PWR Switch

H3C SMB-MS4024P-PWR switch offers 24 Gigabit ports with Power over Ethernet (POE), ideal for security monitoring. Enjoy SNMP,

May 15, 2026

H3c S5170-28s-Hpwr-Ei Switch 24 Port Gigabit Electric 40000 Gigabit ...

H3c S5170-28s-Hpwr-Ei Switch 24 Port Gigabit Electric 40000 Gigabit Optical Port Network Switch, Find Details and Price about

May 24, 2026

H3C Products Catalogue

H3C S5560X-EI is a series of intelligent Layer 3 managed GE switches with outstanding performance, high port density, and ease of

Jan 25, 2026

H3C S5850 Series Data Center Ethernet Switch

Flexible port combination The H3C S5850-54QS switch host supports the curing of 48 Gigabit power, 4 10 Gigabit optical and 2

Apr 29, 2026

H3C S5130S-EI-G Series Enhanced Gigabit Access Switches

H3C S5130S-EI-G series switch supports innovative single-port multi-authentication function, the access authentication modes

May 15, 2026

How To View Optical Transceiver Information On H3C Switches

We connect Moduletek QSFP-40G-LR4 transceiver to H3C S6820 switch, and demonstrate how to view port status

Nov 26, 2025

H3C S12500R Data Center Switch Router

H3C S12500R is currently the industry's leading switching router product designed for WAN, 5G bearer network and data center DCI

Apr 01, 2026

Optical Switches

Designed for durability and precision, our optical switches support single-mode and multimode fiber types with low insertion loss,

Nov 10, 2025

H3C S5120-52P-SI 48-port Gigabit switch 4 Gigabit SFP upstre

H3C S5120-52P-SI 48-port Gigabit switch 4 Gigabit SFP upstream optical port Layer 2 network manageme - Available at Network

Aug 16, 2025

H3C S6800 Series Data Center Switches

Flexible port combination H3C S6800-2/4C support various types of interface cards, realize mixed configuration of high-density 10GE

Jul 18, 2026

Amazon : Fiber Network Switch

5-Port 2.5Gb Switch with 10Gb SFP+ Port, Less Heat Unmanaged Multigig Ethernet Splitter for NAS, Gaming, PC - Plug & Play,

Contact Us

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