

H3C Switch Optical Port Types



Article Overview

H3C switches support a variety of optical ports including SFP, SFP+, SFP28, QSFP, and combo ports, with flexible configuration for fiber or copper connections.

Types of Optical Ports

H3C switches offer multiple optical port types depending on the model and application:

- SFP (Small Form-factor Pluggable): Supports 1G or 2.5G connections, commonly used for short- and long-distance fiber links.
- SFP+: Supports 10G connections, suitable for high-speed uplinks.
- SFP28: Supports 25G connections, often used in data center aggregation layers.
- QSFP/QSFP28: Supports 40G and 100G connections for high-density uplinks or core network links.
- Combo Ports: Integrate both optical (SFP) and copper (RJ45) interfaces, allowing only one mode to be active at a time to prevent signal conflicts. Commands like `combo enable fiber` or `combo enable copper` switch the active mode based on network requirements.

Configuration and Monitoring

To configure and monitor optical ports on H3C switches:

- View port and transceiver status: Use the command `display interface interface-type interface-number` to check link status, negotiation speed, transceiver type, and traff...

Article Content

Mar 09, 2026

Classification and Models of H3C Active Optical Cables

Common classifications of H3C AOC active optical cables include: 100G QSFP28 Cable, 40G QSFP+ Cable, 25G

Sep 17, 2025

Switches-H3C

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

Jul 21, 2026

H3C S5850 Series Data Center Ethernet Switch

The H3C S5850-54QS switch host supports the curing of 48 Gigabit power, 4 10 Gigabit optical and 2 40GE ports, providing the

Sep 23, 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

Feb 26, 2026

H3C Device Optical Copper Multiplexing Port Configuration Guide ...

In H3C network devices, a combo port (optical-copper multiplexing port) is a multifunctional interface that integrates

Feb 02, 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 16, 2025

H3C Transceiver Modules User Guide

Transmission distances provided by optical transceiver modules are mainly limited by certain loss and dispersion suffered during the

Jun 12, 2026

How To View Optical Transceiver Information On H3C Switches

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

Jul 03, 2026

H3C All-Optical Network Technology White Paper-6W100

In contrast, the EPON-based POL solution leverages the EPON OLT's enhanced Ethernet forwarding and switching capabilities.

Aug 16, 2025

H3C Transceiver Modules User Guide

Preface H3C Transceiver Modules User Guide describes the types, views, and specifications of transceiver modules and network

Oct 03, 2025

H3C Devices CLI Reference

Then, right-click Computer, and select Properties > Device Manager > Ports to identify communications ports used on the PC. This

May 26, 2026

H3C ES4200 Gigabit Switch Series

H3C ES4200 Gigabit Switch Series Multi-type port access Ethernet fiber port and copper port capability offers customers flexibility.

Nov 17, 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

Jul 01, 2026

H3C S7500X-G Series Optical Line Terminal (OLT)-H3C

The product primarily offers broadband access solutions for carrier customers and is also suitable for optical network access and

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H3C Products Catalogue

H3C S9855 series switches are a new generation of high-performance, high-density 400GE/100GE Ethernet switches launched by

Mar 24, 2026

H3C S6520X-SI Series Multi-Gigabit 10GE Switches-H3C

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

Feb 11, 2026

H3C S1600V2 Gigabit Access Web Managed Switch Series

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

Mar 19, 2026

H3C S5130S-EI Series Enhanced Gigabit Access Switches

H3C S5130S-EI series switches are also compliant with material environmental protection and the EU RoHS safety standard. The

Oct 15, 2025

H3C CN6675B Switch Product Brief

The H3C CN6675B utilizes 96 64G SFP+ ports and 16 2x64G double-density optical transceiver (SFP-DD) ports. The addition of

Jan 07, 2026

How To Turn Off Alarms For Third-Party Modules On H3C Switches

By default, a large number of alarm messages will be generated if the module is verified as non-H3C original. H3C

Nov 11, 2025

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

Complete H3C Comware switch security configuration tutorial (MAC/IP/port binding),plus full optical module matching list

Sep 13, 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

Contact Us

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