

H3C Switch Optical Port Speed

Article Overview

Optical port speed on H3C switches is typically set to 1000 Mbps full-duplex by default, but can be adjusted using the speed command in Ethernet port view, with considerations for duplex mode and auto-negotiation.

Default Behavior of Optical Ports

- A 1000 Mbps optical Ethernet port operates in full-duplex mode by default, even if auto-negotiation is enabled .
- A 100 Mbps optical port supports only 100 Mbps and should also be configured in full-duplex mode to avoid negotiation errors .
- 10 Gbps optical ports only support 10 Gbps and cannot be set to lower speeds .

Configuring Optical Port Speed

- Enter system view:
system-view
- Enter the Ethernet port view for the optical interface:
interface GigabitEthernet1/0/1
- Set the port speed:
speed {10 | 100 | 1000 | auto}
- For 1000 Mbps optical ports, use 1000 or auto.
- For 100 Mbps optical ports, use 100.
- The auto option enables auto-negotiation with the peer port .
- Set duplex mode (if needed):
duplex {full | auto}...

Article Content

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H3C Tests 400G Interconnection Capabilities on Real

The H3C S9827-128DH features 128 400G ports, which can be fully equipped with high

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H3C S6850 Series Data Center Switches

H3C S6850 Series Data Center Switches High-Density 25GE Access The switch offers high-density 100G/40G/25G/10G ports and a

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H3C S9827 Series Data Center Switches

The switch offers high-density 800G/400G ports and 102.4Tbps forwarding capacity which enables the switch to provide high-density

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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H3C Products Catalogue

Overview H3C S12500R is a switch router product launched by H3C for WAN, 5G bearer network and data center DCI

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Spirent validates H3C's 800G CPO SiPho switch series

The H3C S9827 series is a new generation of 800G data centre switches based on CPO silicon photonics

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H3C Switch Command Mastery: Streamlined Configuration

In today's fast-paced network environments, H3C switches form the backbone of enterprise connectivity. While many administrators

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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

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H3C S6825 Series Data Center Switches

H3C S6825 high-density intelligent switch series is developed for data centers and cloud computing networks. It provides powerful

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H3C S1600V2 Switch Series Web Configuration Guide

Navigation pane—Provides the Web menu for device functions in a tree structure. You can easily select function menus in the

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H3C confirms performance of its new 800G CPO Ethernet switch

Each port transmission rate can reach 800Gbps. The product integrates CPO silicon photonics technology, fully meets

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H3C ES4200 Gigabit Switch Series

H3C ES4200 series is the latest development of Gigabit speed managed Ethernet switch. Besides high-performance access, it also

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How To View Optical Transceiver Information On H3C Switches

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

Oct 15, 2025

H3C CN6675B Switch Product Brief

The port speed is configurable independently for each port, capable of 2×64G, 32G, or 16G utilizing the SFP-DD transceivers or 64G,

Feb 17, 2026

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

am user-bind ip-address 10.1.1.2 mac-address 00e0-fc22-f8d3 H3C switch configuration description: the above configuration

Nov 07, 2025

How To View Optical Transceiver Information For QSFP-40G-SR-BD

H3C QSFP-40G-BIDI-SR-MM850 transceiver is fully compatible with H3C S6850-56HF switch. This guide

Oct 09, 2025

H3C switch open and close ports and speed limit

H3C switch open and close ports and speed limit, Programmer Sought, the best programmer technical posts sharing site.

Sep 05, 2025

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

Aug 27, 2025

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.

Dec 31, 2025

Ethernet Switch Port Types Explained 2026: RJ45,

This guide provides an engineering-level overview of switch port technologies, real-world

Mar 09, 2026

800G Silicon Photonic Switches: Revolutionizing AIGC with ...

H3C's 800G CPO silicon photonic data center switch, H3CS9827-64EO, has a single-chip 51.2T switching capacity,

Mar 07, 2026

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

Oct 03, 2025

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

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H3C S6520X-EI Series Enhanced 10GE Switches

H3C S6520X-EI series switches support AAA authentications (including RADIUS authentication) and dynamic or static binding of

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