

H3C Fiber Optic Switch Selection



AI Overview

Choosing the right H3C fiber optic switch depends on your network scale, deployment scenario, and required port speeds, ranging from access-layer S5130S models to high-density SAN CN6675B switches.

Access and Campus Networks

For small- to mid-sized campus or branch networks (under 100 users), the H3C S5130S series is a practical choice. These switches support fiber uplinks and offer flexible port configurations:

- S5130S-EI: Enhanced Gigabit access with copper and fiber ports, PoE support, and stacking options. Ideal for Wi-Fi 6/6E/7 APs, IP surveillance, and VoIP endpoints .
- S5130S-LI: Simplified managed switches with 10G SFP+ uplinks, suitable for SMBs or branch offices needing basic Layer 3 routing, security, and QoS .
- S5130S-EI-G: Higher 10G uplink density for campus aggregation or edge deployments, supporting multigigabit and fiber-heavy setups . These models allow standardized operations while right-sizing hardware per closet, supporting IPv6, security, and PoE as baseline requirements.

Core and Data Center Networks

For large-scale data centers or high-performance core networks, consider the H3C S12500R:

- Supports up to 48 ports of 400G per slot, ideal for ultra-wideband cloud data centers .
- Provides multi-service capabilities including SDN, PON, security, and PoE.

Article Content

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

H3C CN6675B Switch Product Brief

The H3C CN6675B Switch is a Gen 7 high-density building block that enables dense rackmount environments to connect more

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

H3C S681X Series Data Center Switches

H3C S681X series switches support Priority-based Flow Control (PFC), Enhanced Transmission Selection (ETS) and Data Center

H3C FS5500V2-EI Series Converged Optical Electrical Switches

In the campus network, H3C FS5500V2-EI series switches can be used as aggregation layer equipment, or as the core of small and

Fiber-optic Switches

A fiber-optic switch is a device used in fiber optics to route light from one or more input fibers to one or more output fibers. It can act

H3C Switches Guide: How to Choose the Right One

A practical, no-fluff guide to selecting H3C switches—covering port count, PoE, management level, and real-world

H3C S6850 Series Data Center Switches

H3C S6850 switch series support Fiber Channel over Ethernet (FCoE), which permits storage, data, and computing services to be

Switches

After over 20 years of networking innovation, research and development, H3C has accumulated significant industry-leading Ethernet

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

H3C ES4200 Gigabit Switch Series

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

Fiber Optic Switches Selection Guide: Types, Features,

Important switch performance parameters to consider when searching for fiber optic switches include:

H3C Fiber Switch Unleashed: Can Your Network Survive the

That's the mark of a truly strategic high-performance infrastructure investment. Choosing robust H3C Fiber Switches positions your

H3C S6520X Switches in 2026: Model Comparison and Deployment

Compare 10 models of S6520X series switches with verified ports, uplink options (40G/100G), and role-based

H3C S6800 Series Data Center Switches

H3C S6800-2C/4C switch support Fiber Channel interface card, the ports can be switched to FC port to interoperate with FC SAN.

Optical Switches

Optical Switches We lead the industry in optical switch technology, delivering the lowest insertion loss (0.2 dB), fastest switching

H3C S5170 Series Switches: Dependable Fiber Access for Modern ...

With models offering 28 or 54 fiber ports—available in standard, PoE, and high-power PoE variants—the S5170 series establishes a

H3C CN6665B Switch Product Brief

The H3C CN6665B Switch with Gen 6 Fibre Channel and Fabric Vision technology delivers unmatched 32G performance, industry

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

Gigabit/Hundred Gigabit/Core/PoE/Fiber Switch Selection Guide

The switch is the core equipment for monitoring network transmission. There are many critical technical parameters to

H3C S1600V2 Switch Series Web Configuration Guide

. The content pane displays the selection result. You can click the H3C logo on the top website, and click the feedback icon on the

H3C Products Catalogue

H3C FS5500V2-EI series switches support a new generation of optical and electrical combined interfaces and provide 300m PoE++

H3C CN Series Fibre Channel Switches

The H3C CN3360B switch is designed for enhanced flexibility and better investment protection, featuring a

A Complete Buying Guide to Fiber Optic Switches

If you plan to upgrade to fiber optic network or blend fiber optics into your existing legacy network, you will require a fiber optic

Switches-H3C

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

H3C Switch Command Mastery: Streamlined

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

All Switches Products

Cisco has a comprehensive portfolio of network switches and switching solutions for enterprise networks, data centers and small

H3C S6520X-EI Series Enhanced 10GE Switches

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

Switches Selection: 6 Key Points You Need to Know| FiberMall

This article introduces the six key points for choosing a switch and the configuration commands for Huawei, H3C and

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

H3C S6520X-SI Series Switches—Industry-leading high performance and scalable 10GE access switching solution with modular

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://roof-repairs-johannesburg.co.za>

Email: info@roof-repairs-johannesburg.co.za

Phone: +27 63 592 4187

Address: 2nd Floor, The Leonardo, 75 Maude Street, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

